

**APPENDIX G**

**QUALITY ASSURANCE REPORT FOR ANALYTICAL DATA**

**Quality Assurance Report**  
**For Site Investigation Performed at Former Shell Tapping Area**  
**Parcel 208**  
**IT Project No 800492**

---

**1.0 Overview**

Seven soil samples, one sediment sample, one surface water sample and three groundwater samples were collected in support of the investigation at Fort McClellan (FTMC) Parcel 208, Former Shell Tapping Area. Samples were submitted to Severn Trent Laboratories, Inc. (STL) - Knoxville for analysis. QC samples consisted of the following types and quantities: 2 field duplicates, 1 matrix spike/matrix spike duplicate (MS/MSD) pair, 2 trip blanks and 2 equipment rinsates. An analytical summary table cross-referencing sample location, sample number, and contaminants of concern is presented in Attachment A.

One hundred (100%) percent of samples were validated and reviewed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Evaluating Inorganic Data Review* (EPA, February 1994) and *USEPA Contract Laboratory Program National Functional Guidelines for Organic Review* (EPA, October 1999) for all areas except blanks. *Region III Laboratory Data Validation Functional Guidelines for Inorganic Analyses* (EPA, April 1993) and *Region III National Functional Guidelines for Organic Data Review* (EPA, June 1992) were applied to the areas associated with blank contamination. Data qualifiers assigned to results were based on guidance outlined in the referenced documents and the *Installation-Wide Sampling and Analysis Plan* (IT, March 2000) for FTMC.

**Table 1.0-1**  
**Laboratory Data Qualifier Definitions**

<b>Data Qualifier</b>	<b>Laboratory Data Qualifier Definition</b>
B	Analyte detected in method blank at concentration greater than the reporting limit (and greater than zero).
C	Confirming data obtained using second GC column or GC/MS.
E	Analyte concentration exceeded calibration range.
I	Analyte identification suspect. See narrative for explanation.
J	Result is less than or equal to specified reporting limit but greater than the method detection limit (MDL).
P	Analyte not confirmed. Results from primary and secondary GC columns differ by greater than 10 percent
S	Analyte concentration obtained using Method of Standard Additions (MSA).
U	Not detected. The value represented indicates the reporting limit for the analysis.
D	Sample analyzed as a dilution. The result reported has been calculated using the appropriate dilution factor.
No Code	Confirmed identification.

**Table 1.0-2  
Validation Data Qualifier Definitions**

<b>Validation Qualifier</b>	<b>Validation Data Qualifier Definition</b>
U	Not detected. The associated number indicates approximate sample concentration necessary to be detected.
No Code	Confirmed identification.
B	Not detected substantially above the level reported in laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
N	Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.
J	Analyte present. Reported value may not be accurate or precise. Considered an estimate.
NJ	Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.
NV	Result was not validated.

The Data Validation Summary Report is presented in Attachment B.

## **2.0 Summary**

Data were evaluated to verify compliance with precision, accuracy, representativeness, comparability, completeness, and sensitivity. To verify that project data quality objectives (DQOs) were met, laboratory analytical results and data packages were examined for compliance with SW846 8260B, 8270C, 8330, 6010B/7470A/7471A, 9060, chemical agent breakdown by 8321/8270 (Modified) quality control (QC) method criteria. Laboratory nonconformances and discrepancies in the data were also examined to determine their impact on the data. The results of this review are presented in the following sections.

### **2.1 Sample Receipt and Analytical Holding Times**

All sample results generated by the laboratory during this investigation have been reviewed with respect to condition of samples as received by the laboratory, chain-of-custody, and analysis holding times. All coolers were received by STL-Knoxville in good condition under proper chain-of-custody.

All extraction and analytical holding times were met with the exception of volatiles by SW846 5035/8260 for samples RP0001, RP0004, RP0007 and RP0008. The 48-hr encore extraction hold time was exceeded. All analytical results for samples RP0001, RP0004, RP0007 and RP0008 should be considered estimated ("UJ" / "J").

## 2.2 Rejected Data

Table 2.2-1 lists all rejected analytical data. Sample re-collection at this time is not warranted due to all rejected results being reported as non-detect.

**Table 2.2-1 Rejected Analytical Results**

Sample Delivery Group	Sample Number	Contaminant	Reason
CK208001	RP0001, RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008	Bromomethane	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
CK208002	RP2001	1,2-Dibromo-3-chloropropane 2-Butanone (MEK) Acetone Bromochloromethane Dibromomethane	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
CK208003	RP1001	Bromomethane	Continuing Calibration Relative Response Factor (RRF) <0.05.
CK208004	RP3001, RP3002 and RP3004	1,2,3-Trichloropropane 1,2-Dibromo-3-chloropropane 2-Butanone (MEK) Acetone Bromochloromethane Dibromomethane	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.

## 2.3 Blank Results

Descriptions of the types of blank samples which were collected, processed, and evaluated for background and/or process contamination during this sampling are as follows:

- Trip blanks (TBs) consist of aqueous VOC sample vials filled in the laboratory with ASTM Type II reagent grade water, transported to the sampling site, handled like an environmental sample and returned to the laboratory for analysis. Trip blanks are prepared only when aqueous VOC samples are collected and analyzed. Trip blanks are used to assess the potential introduction of contaminants from sample containers during the transportation and/or storage procedures. Trip blanks were sent with all aqueous samples shipped to the laboratory requiring volatile analysis.
- Equipment rinsates (ER) are samples of analyte-free deionized water poured into, over, or pumped through the sampling device, collected in a sample container, and transported to the laboratory for analysis. Equipment rinsates are used to assess the effectiveness of equipment decontamination procedures.
- Method blanks (MB) are used in the laboratory to assess and document any possible contamination resulting from the analytical process. A method blank is an analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank shall be carried through the complete sample preparation and analytical procedure.

- Initial and continuing calibration blanks (ICB and CCB) are instrument blanks consisting of an analyte-free matrix. ICBs and CCBs are analyzed to verify the analysis system is free of contamination and are analyzed immediately after the initial and continuing calibrations are performed.

Field sample concentrations were evaluated to determine if the sample results could have been biased by the presence of any contamination measured in trip blanks, equipment rinsate blanks, method blanks and/or initial/continuing calibration blanks. Sample data which may be biased due to blank contamination are summarized in Table 2.3-1.

**Table 2.3-1**  
**Summary of Blank Contamination**

<b>Sample Delivery Group</b>	<b>Sample Number</b>	<b>Contaminant</b>	<b>Action</b>
CK208001	RP0001, RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008	Methylene chloride	Methylene chloride results for samples RP0001, RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008 were "B" qualified due to MB contamination.
	RP0005	Acetone	Acetone result for sample RP0005 was "B" qualified due to ER contamination.
	RP0001, RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008	Bis(2-Ethylhexyl)phthalate	Bis(2-Ethylhexyl)phthalate results for samples RP0001, RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008 were "B" qualified due to MB contamination.
	RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008	Beryllium	Beryllium results for samples RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008 were "B" qualified due to ICB/CCB contamination.
	RP0007 and RP0008	Mercury	Mercury results for samples RP0007 and RP0008 were "B" qualified due to ICB/CCB contamination.
CK208002	RP2001	Aluminum	Aluminum result for sample RP2001 was "B" qualified due to ICB/CCB contamination.

**Table 2.3-1 (Continued)**  
**Summary of Blank Contamination**

<b>Sample Delivery Group</b>	<b>Sample Number</b>	<b>Contaminant</b>	<b>Action</b>
CK208003	RP1001	Methylene chloride Acetone	Methylene chloride and acetone results for RP1001 were "B" qualified due to MB contamination.
	RP1001	Bis(2-Ethylhexyl)phthalate	Bis(2-Ethylhexyl)phthalate result for sample RP1001 were "B" qualified due to MB contamination.
	RP1001	Thallium Beryllium	Thallium and beryllium results for sample RP1001 were "B" qualified due to MB and ICB/CCB contamination.
CK208004	RP3002 and RP3004	Chloromethane	Chloromethane results for samples RP3002 and RP3004 were "B" qualified due to TB contamination.
	RP3001, RP3002 and RP3004	Zinc	Zinc results for samples RP3001, RP3002 and RP3004 were "B" qualified due to MB and ICB/CCB contamination.
	RP3002	Aluminum	Aluminum result for sample RP3002 was "B" qualified due to ICB/CCB contamination.
	RP3004	Vanadium	Vanadium result for sample RP3004 was "B" qualified due to ICB/CCB contamination.

## **2.4 Analytical Precision**

Precision is defined as a measurement of mutual agreement among individual measurements of the same property, usually under "prescribed similar conditions." Analytical precision is calculated as relative percent difference (%RPD) based on the following formula:

$$\%RPD = \left| \frac{(A-B)}{(A+B)/2} \right| \times 100$$

where:

%RPD = Relative Percent Difference  
A = original result  
B = duplicate result

A high RPD between an original sample and its field duplicate may be attributable to the difference in sample matrix or distribution of the contaminant within the sample, rather than the precision of the collection process. Also, when “estimated” results are reported, there is a potential for increased variability between the primary and duplicate sample results. This occurs because, at low concentrations, the relative difference in results is magnified by the RPD calculation even though the results are comparable in absolute terms. There is also increased uncertainty in the results as the lower limit of detection is approached, due to decreasing analytical accuracy. The RPD calculation cannot be performed in cases where non-detected results are reported with corresponding samples that contain detectable concentrations.

Overall sampling and analysis precision for this task was assessed using field duplicate (FD) samples. Laboratory precision was assessed by laboratory control sample/laboratory control sample duplicate (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) recoveries. Results indicate that an acceptable analytical precision was achieved. Table 2.4-1 lists precision acceptance criteria for LCS/LCSD, MS/MSD organic analyses and field duplicate comparisons. Table 2.4-2 lists all field duplicate, LCS/LCSD and MS/MSD RPDs that exceeded QC criteria.

**Table 2.4-1 Precision Acceptance Criteria**

Field/Laboratory QC Type	Matrix	
	Aqueous	Soil
Field Duplicate (Both Organic & Inorganic)	RPD < 35%	RPD < 50%
TCL Volatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"
TCL Semivolatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"
Nitroaromatic/Nitramine Explosives LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"
Chemical Agent Breakdown LCS/LCSD and MS/MSD	1,4-Oxathiane RPD<19% 1,4-Dithiane RPD<33% p-Chlorophenyl-methylsulfoxide RPD<74% p-Chlorophenylmethylsulfone RPD<55%  DIMP RPD<13% DMMP RPD<13% EMPA RPD<13% IMPA RPD<14% MPA RPD<14% Thiodiglycol RPD<12%	1,4-Oxathiane RPD<28% 1,4-Dithiane RPD<28% p-Chlorophenyl-methylsulfoxide RPD<27% p-Chlorophenylmethylsulfone RPD<26%  DIMP RPD<10% DMMP RPD<10% EMPA RPD<10% IMPA RPD<10% MPA RPD<10% Thiodiglycol RPD<8%
Metals LCS/LCSD and MS/MSD	RPD < 20%	RPD < 20%
Total Organic Carbon LCS/LCSD and MS/MSD	NA	RPD < 20%

**Table 2.4-2**  
**Summary of Field Duplicate, LCS/LCSD & MS/MSD RPD Anomalies**

Sample Delivery Group	Sample Number	Contaminant	Assigned Validation Qualifier
CK208003	RP1001 MS/MSD	Calcium (46%) Copper (25%) Zinc (45%)	Calcium, copper and zinc results for sample RP1001 were "J" qualified due to MS/MSD RPD exceeding QC criteria.

## **2.5 Analytical Accuracy Assessment**

Accuracy is a measure of the degree of agreement of a result against an accepted reference or true value. Accuracy is expressed as a percent recovery (%R) calculated by the ratio of the measurement and accepted true value as shown in the following equation:

$$\%R = (|X_s - X_u|/K) \times 100$$

where:

$X_s$  = measured value of the spiked sample

$X_u$  = measured value of the unspiked sample

K = known amount of the spike in the sample

Surrogate recoveries, MS/MSD and LCS/LCSD were used to measure analytical accuracy as described in SW846 8260B, 8270C, 8330, 6010B/7470A/7471A, 9060 and chemical agent breakdown by 8321/8270 (Modified). Reported results indicate that an acceptable level of analytical accuracy was achieved. Surrogate, LCS/LCSD and MS/MSD spike recoveries, which exceed QC criteria are summarized in Table 2.5-1.

**Table 2.5-1**  
**Summary of Surrogate, LCS/LCSD and MS/MSD Spike Recovery Criteria Exceedances**

Sample Delivery Group	Sample Number	Contaminant	Action
CK208001	RP0001, RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008	Antimony (LB) Zinc (HB)	Antimony and zinc results for samples RP0001, RP0002, RP0004, RP0005, RP0006, RP0007 and RP0008 were "J" / "UJ" qualified due to MS/MSD spike recoveries exceeding QC criteria.

LB - Low bias

HB - High bias



**Table 2.5-1 (Continued)**  
**Summary of Surrogate, LCS/LCSD and MS/MSD Spike Recovery Criteria Exceedances**

<b>Sample Delivery Group</b>	<b>Sample Number</b>	<b>Contaminant</b>	<b>Action</b>
CK208001	RP0002	1,1,2,2-Tetrachloroethane 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylpropane 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropropane 1,3,5-Trimethylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Chlorotoluene 4-Chlorotoluene Bromobenzene Carbon disulfide Hexachlorobutadiene Naphthalene n-Butylbenzene n-Propylbenzene p-Cymene sec-Butylbenzene tert-Butylbenzene	1,1,2,2-Tetrachloroethane, 1,2,3-trichlorobenzene, 1,2,3-trichloropropane, 1,2,4-trichlorobenzene, 1,2,4-trimethylpropane, 1,2-dichlorobenzene, 1,2-dibromo-3-chloropropane, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2-chlorotoluene, 4-chlorotoluene, bromobenzene, carbon disulfide, hexachlorobutadiene, naphthalene, n-butylbenzene, n-propylbenzene, p-cymene, sec-butylbenzene and tert-butylbenzene results for sample RP0002 were "UJ" qualified due to 1,4-Dichlorobenzene-d4 internal standard recovery (LB) exceeding QC criteria.
CK208003	RP1001 MS/MSD	Antimony (LB) Calcium (HB) Chromium (HB) Copper (HB) Zinc (HB)	Antimony, calcium, chromium, copper and zinc results for sample RP1001 were "J" / "UJ" qualified due to MS/MSD spike recoveries exceeding QC criteria.
CK208004	RP3004 MS/MSD	Aluminum (HB)	Aluminum results for samples RP3001 and RP3004 were "J" qualified due to MS/MSD spike recoveries exceeding QC criteria.  Aluminum results for sample RP3002 should be considered estimated. However, due to blank contamination aluminum result for sample RP3002 was "B" qualified.

LB - Low bias  
HB - High bias

## **2.6 Data Representativeness**

Representativeness is a qualitative parameter that expresses the degree to which sample data actually represent the matrix conditions. Standardized requirements and procedures for sample collection, handling and analyses were employed to maximize sample representativeness.

Soil, sediment and surface water sample locations selected for this investigation will confirm if contaminant releases into the environment have occurred from site activities and if contaminated soil exists at this parcel. Groundwater samples were collected to determine the quality of groundwater in the aquifer.

## **2.7 Data Comparability**

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. By employing well-recognized techniques and accepted standardized methods for sampling and analysis, data comparability was achieved during this sampling event.

## **2.8 Data Completeness**

Completeness is calculated for the aggregation of data for each analyte measured during the investigation of Parcel 208, Former Shell Tapping Area. The formula for calculating completeness is listed below:

$$\% \text{ Completeness} = ( X_V / X_T ) \times 100$$

where:

$X_V$  = number of valid (i.e., non-"R"-flagged) results

$X_T$  = number of possible results

Parcel RNG-208 goal for completeness is 95% for both aqueous and soil samples. The % Completeness for this task is calculated to be 98.5%.

- $\% \text{ Completeness} = (2070 / 2101) \times 100 = 98.5\%$

## **2.9 Sensitivity**

Sensitivity is defined as the ability of the laboratory's established method detection limits (MDL)/method reporting limits (MRL or RL) to meet project-specific DQOs or site-specific screening levels (SSSL) and or ecological screening values (ESV).

MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. MDLs are determined from an analysis of a sample in a given matrix containing the target analyte of interest. The MRL is a threshold value based upon the sensitivity capability of method and instrument. MRLs are normally set at a minimum of two times the MDL. MRLs are adjusted based on the sample matrix, moisture (solids only), and any necessary sample dilutions. The laboratory cannot reliably

quantitate values reported above the MDL but below the MRL. Therefore, these analyte values must be flagged as estimated quantities ("J"-flagged).

To evaluate method sensitivity, a general comparison of the laboratory's MDLs/MRLs and the site investigation screening levels (background values, human health SSSL for residential reuse, and ESV) was performed and presented to the FTMC Base Realignment and Closure Team (BCT) (November 1999). The comparison summarized the relationship between the MDL/MRLs and SSSL/ESVs for each parameter typically reported for all of the major analytical methods used at FTMC. The few cases identified where the MDL and/or MRL values exceeded their corresponding human health SSSL and/or ESV were specifically highlighted and explained. It was understood that for these cases, the standard analytical method of analysis was not going to provide MDLs/MRLs, which met human health SSSLs or ESVs without significant uncertainty and the possibility of reporting false negatives. It was generally accepted that standard EPA SW846 analytical methods would provide sufficient sensitivity for data reported and used in the site screening process at FTMC.

### ***3.0 Data Usability***

Data quality indicators (DQI) provide an internal guide for control and review to verify that data are scientifically sound, defensible, and of known and acceptable quality. Factors such as precision, accuracy, representativeness, comparability, completeness, and sensitivity were evaluated to determine if the project's DQOs were met. A review of the data revealed that the majority of QA/QC indicators were within acceptable control limits. Any data anomalies encountered during data validation and overall site evaluations have been summarized in the previous sections of this document.

Based on the results of data validation and QA review, IT has concluded that representative samples were collected and analyzed and the results are indicative of the media analyzed. The data are to be considered representative of site conditions and are usable for their intended purpose.

### ***4.0 Attachments***

Attachment A - Analytical Summary Table

Attachment B - Data Validation Summary Report

**ATTACHMENT A**  
**ANALYTICAL SUMMARY TABLE**

**Ft. McClellan  
Parcel 208  
Former Shell Tapping Area Soil Analytical Summary  
Project No. 800492**

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth (Ft)	Analytical Suite	Sample Type	Sample Purpose
RNG-208-MW01	RNG-208-MW01-SS-RP0001-REG	RP0001	3-Mar-00	0 to 2	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	RNG-208-MW01-DS-RP0004-REG	RP0004	3-Mar-00	4 to 7	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG
RNG-208-MW02	RNG-208-MW02-SS-RP0005-REG	RP0005	2-Mar-00	0 to 2	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	RNG-208-MW02-SS-RP0002-FD	RP0002	2-Mar-00	0 to 2	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	FD
	RNG-208-MW02-DS-RP0006-REG	RP0006	2-Mar-00	8 to 12	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG
RNG-208-SB01	RNG-208-SB01-SS-RP0007-REG	RP0007	3-Mar-00	0 to 2	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	RNG-208-SB01-DS-RP0008-REG	RP0008	3-Mar-00	10 to 12	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG

**Ft. McClellan  
Parcel 208  
Former Shell Tapping Area Groundwater Analytical Summary  
Project No. 800492**

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth (Ft)	Analytical Suite	Sample Type	Sample Purpose
RNG-208-MW01	RNG-208-MW01-GW-RP3001-REG	RP3001	21-Jun-00	85.2 to 86.24	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
	RNG-208-MW01-GW-RP3002-FD	RP3002	21-Jun-00	85.2 to 86.24	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	FD
RNG-208-MW02	RNG-208-MW02-GW-RP3004-REG	RP3004	21-Jun-00	71.48 to 73.07	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
	RNG-208-MW02-GW-RP3004-MS	RP3004-MS	21-Jun-00	71.48 to 73.07	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	MS
	RNG-208-MW02-GW-RP3004-MSD	RP3004-MSD	21-Jun-00	71.48 to 73.07	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	MSD

**Ft. McClellan  
Parcel 208  
Former Shell Tapping Area Sediment / Surface Water Analytical Summary  
Project No. 800492**

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth (Ft)	Analytical Suite	Sample Type	Sample Purpose
RNG-208-SW/SD01	RNG-208-SW/SD01-SD-RP1001-REG	RP1001	8-Mar-00	0 to .5	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	SD	REG
	RNG-208-SW/SD01-SW-RP2001-REG	RP2001	8-Mar-00	0 to 0	Chem. Agt. Breakdown by 8270CWM Chem. Agt. Breakdown by 8321CWM Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	SW	REG

**ATTACHMENT B**  
**DATA VALIDATION SUMMARY REPORT**



**Data Validation Summary Report  
For the Site Investigation Performed at  
RNG-208, Former Shell Tapping Area  
Anniston Army Depot (Parcel 208)  
Fort McClellan, Calhoun County, Alabama**

---

## **1.0 Introduction**

Level III data validation was performed on 100 percent of the environmental samples collected for RNG-208. The analytical data consisted of delivery groups (SDGs) CK208001, CK208002, CK208003, and CK208004, which were analyzed by EMAX and Severn Trent Laboratories. Soil and water matrices were validated. The chemical parameters for which the samples were analyzed, are identified below:

<b>Parameter (Method)</b>
Volatile Organics by GC/MS SW846 8260B
Semivolatile Organics by GC/MS SW846 8270C
Metals by SW846 6010B and 7471A/7470A
Nitroaromatic and Nitramine Explosives by SW846 8330
Chemical Warfare Degradates (SW846 8321 and SW846 8270M)
Total Organic Carbon by SW846 9060

## **2.0 Procedures**

The sample data were validated following the logic identified in the 1994 *EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* and the 1999 *EPA Contract Laboratory Program National Functional Guidelines for Organic Review* for all areas except blanks. *EPA Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (April 1993) and *Region III National Functional Guidelines for Organic Data Review* (June 1992) were applied to the areas associated with blank contamination. Specific quality control (QC) criteria as identified in the quality assurance plan (QAP), analytical methods, and laboratory standard operating procedures (SOP) were applied to all sample results. As a result of the use of Update III SW846 test methods for the analytical data and the application of the Contract Laboratory Program (CLP) guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, gas chromatography (GC) and GC/mass spectrometry (MS) calibration areas and is due to the fact that the analytical methods are performance-based and allow the use of average calibration responses in lieu of individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to

SW846 methods and evaluating the usability of the data during the validation process, specific QC criteria were determined to address all target compounds and are identified in this report for each parameter, as well as in the validation checklists, which function as worksheets. All completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method requirements (i.e., SW846, Code of Federal Regulations, SOPs) and technical judgement, following the logic of the CLP validation guidelines.

### ***3.0 Summary of Data Validation Findings***

The overall quality of the data was determined to be acceptable with minimal qualifications. The only rejected data ("R" qualified) was due to "poor performing" volatile compounds (ketones, some halogenated hydrocarbons, etc.), which experienced poor calibration responses in the associated calibration data, and samples that were reanalyzed and have more than one set of results reported. The "R" qualifier was assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter, and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment A) is also provided. This is a complete listing of all of the analytical results and the validation qualifiers assigned for the site investigation at RNG 208. It also identifies the "use" column, which indicates which result to use in the event of a reanalysis. A listing of the validation qualifiers and the reason codes, along with their definitions, is also found in Attachment A. The following section highlights the key findings of the data validation for each analysis.

### ***4.0 Analysis-Specific Data Validation Summaries***

#### ***4.1 Volatile Organics by GC/MS SW846 8260B***

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

##### Holding Times

Technical holding time criteria were met for all samples with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
CK208001	RP0001, RP0004, RP0007, RP0008	All compounds	J/UJ/R/B

- All results for these samples were estimated since the 48-hr. encore extraction hold time was exceeded.

#### Initial and Continuing Calibration

The initial calibration (ICAL) and continuing calibrations (CCAL) associated with the project samples met QC criteria, with the following exception(s):

- The following exhibited individual ICAL/CCAL relative response factor (RRF) <0.1:

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
CK208001	All Samples	Bromomethane	R
CK208002	RP2001	1,2-Dibromo-3-chloropropane, 2-Butanone (MEK), Acetone, Bromochloromethane, Dibromomethane	R
CK208003	RP1001	Bromomethane	R
CK208004	All Samples	1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 2-Butanone (MEK), Acetone, Bromochloromethane, Dibromomethane	R

- The following exhibited individual CCAL percent difference (%D) >20:

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
CK208001	RP0001, RP0004, RP0007, RP0008	2-Butanone (MEK), Acetone, Bromomethane, Chloroethane, Carbon Disulfide, sec-Dichloropropane	J//UJ/R
	RP0002, RP0005, RP0006	Bromomethane, Acetone, Carbon Disulfide, Chloroethane, sec-Dichloropropane	R/UJ
CK208002	RP2001	sec-Dichloropropane, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Acetone	R/UJ
CK208003	RP1001	1,2,3-Trichloropropane, 2-Butanone (MEK), 2-Hexanone (MBK), Acetone, Carbon Disulfide, Chloromethane, Methylene Chloride, Trichlorofluoromethane, sec-Dichloropropane	B/J/UJ
CK208004	RN3001, RP3004	Acetone	R

### Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, trip blanks, and method blanks was applied to all sample results. All were found to be acceptable with the following exception(s):

SDG	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
CK208001	All Samples	Methylene chloride	Method	B
	RP0005	Acetone	ER	B
CK208003	RP1001	Methylene chloride, Acetone	Method	B
CK208004	RP3002, RP3004	Chloromethane	TB	B

### Surrogate Recoveries

All surrogate recoveries were within QC limits.

### Matrix Spike / Matrix Spike Duplicate

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis was performed for the project samples, and all QC criteria were met.

### Laboratory Control Sample

Laboratory Control Sample (LCS) analysis was performed for the project samples, and all QC criteria were met.

### Field Duplicates

Original and field duplicate results were evaluated and no problems were identified.

### Internal Standards

All internal standards met QC criteria with the following exception(s):

SDG Number	Samples Affected	Internal Standard(s)	Validation Qualifier
CK208001	RP0002	1,4-Dichlorobenzene-d4 (Associated Compounds)	J//UJ/R

#### Quantitation

Results quantitated between the method detection limit (MDL) and the reporting limit (RL), which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

#### **4.2 Semivolatile Organics by GC/MS SW846 8270C**

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

#### Holding Times

Technical holding time criteria were met for all samples.

#### Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria with the following exception(s):

- The following exhibited individual CCAL percent difference (%D) >20:

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
CK208001	All Samples	2,4-Dinitrophenol, Benzo(k)fluoranthene	UJ
CK208004	All Samples	2-Nitroaniline	UJ

#### Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable with the following exceptions:

SDG	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
CK208001	All Samples	bis(2-Ethylhexyl)phthalate	Method	B
CK208003	RP1001	bis(2-Ethylhexyl)phthalate	Method	B

#### Surrogate Recoveries

All surrogate recoveries were within QC criteria.

#### Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

#### Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

#### Field Duplicates

Original and field duplicate results were evaluated, and all QC criteria were met.

#### Internal Standards

All internal standards met QC criteria.

#### Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

### **4.3 Metals by SW846 6010B/7471A/7470A**

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

#### Holding Times

Technical holding time criteria were met for all samples.

#### Initial and Continuing Calibrations

All initial and continuing calibrations associated with the project samples met QC criteria.

#### Blanks

The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were acceptable with the following exception(s):

SDG	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
CK208001	RP0002, RP0004, RP0005, RP0006, RP0007, RP0008	Beryllium	Calibration	B
	RP0007, RP0008	Mercury	Calibration	B
CK208002	RP2001	Aluminum	Method/Calib	B
CK208003	RP1001	Thallium, Beryllium	Method/Calib	B
CK208004	RP3001, RP3002, RP3004	Zinc	Method/Calib	B
	RP3002	Aluminum	Calibration	B
	RP3004	Vanadium	Calibration	B

#### Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met, with the following exception(s):

SDG	Samples Affected	Compound(s)	Validation Qualifier
CK208001	All Samples	Antimony, Zinc	J/UJ
CK208003	RP1001	Antimony, Calcium, Chromium, Copper, Zinc	J/UJ
CK208004	All Samples	Aluminum	J/B

#### Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

#### Interference Check Sample

All Interference Check Sample (ICS) percent recoveries were acceptable. All QC criteria were met.

#### Inductively Coupled Plasma Serial Dilutions

All QC criteria were met for the serial dilutions associated with the project samples, with the following exception(s):

SDG	Samples Affected	Compound(s)	Validation Qualifier
CK208001	All Samples	Arsenic, Magnesium	J
CK208003	RP1001	Copper	J
CK208004	All Samples	Aluminum	J/B

#### Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified.

#### Quantitation

Results quantified between the MDL and the RL, which the lab qualified as “J”, were qualified as estimated “J” unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected “R”.

#### **4.4 Nitroaromatic and Nitramine Explosives by SW846 8330**

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

#### Holding Times

Technical holding time criteria were met for all samples.

#### Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

#### Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

#### Surrogate Recoveries

All surrogate recoveries were within QC criteria.

#### Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met with the following exception(s):



SDG	Samples Affected	Compound(s)	Validation Qualifier
CK208001	All Samples	4-Nitrotoluene	J/UJ
	RP0001, RP0004, RP0007, RP0008	2-Nitrotoluene	J

#### Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

#### 2<sup>ND</sup> Column Confirmation

The percent difference QC criteria between columns for analyte concentrations were met.

#### Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified.

#### Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

### **4.5 Chemical Warfare Degradates (SW846 8321 and SW846 8270M)**

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

#### Holding Times

Technical holding time criteria were met for all samples.

#### Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria with the following exceptions:

SDG	Samples Affected	Compound(s)	Validation Qualifier
CK208002	RP2001	Thiodiglycol	UJ

#### Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

#### Surrogate Recoveries

All surrogate recoveries were within QC criteria.

#### Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

#### Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

#### Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified.

#### Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

### ***4.6 Total Organic Carbon by SW846 9060***

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

#### Holding Times

Technical holding time criteria were met for all samples.

#### Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria.

#### Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

#### Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

#### Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

#### Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified.

#### Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

***Attachment A:***  
***Data Validation Qualifier Entry Verification Report***

### **Validation Qualifiers**

- U Not detected. The compound/analyte was analyzed for, but not detected above the associated reporting limit.
- J The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.
- B The concentration reported was detected significantly above the levels reported in the associated equipment rinse samples and/or laboratory method and trip blanks. (5X/10X Rule was applied).
- R The reported sample results are rejected due to the following:
1. Severe deficiencies in the supporting quality control data.
  2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data.
  3. The presence or absence of the constituent cannot be verified based on the data provided.
  4. To indicate not to use a particular result in the event of a reanalysis.
- UJ The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the "nondetect" may be inaccurate or imprecise. The nondetect result should be estimated.

### Validation Reason Code Definitions

Reason Code	Definition
01	Sample received outside of 4+/-2 degrees Celsius
01A	Improper sample preservation
02	Holding time exceeded
02A	Extraction
02B	Analysis
03	Instrument performance – outside criteria
03A	BFB
03B	DFTPP
03C	DDT and/or Endrin % breakdown exceeds criteria
03D	Retention time windows
03E	Resolution
04	Initial calibration results outside specified criteria
04A	Compound mean RRF QC criteria not met
04B	Individual % RSD criteria not met
04C	Correlation coefficient >0.995
05	Continuing calibration results outside specified criteria
05A	Compound mean RRF QC criteria not met
05B	Compound % D QC criteria not met
06	Result qualified as a result of the 5x/10x blank correction
06A	Method or preparation blank
06B	ICB or CCB
06C	ER
06D	TB
06E	FB
07	Surrogate recoveries outside control limits
07A	Sample
07B	Associated method blank or LCS
08	MS/MSD/Duplicate results outside criteria
08A	MS and/or MSD recovery not within control limits (accuracy)
08B	% RPD outside acceptance criteria (precision)
09	Post digestion spike outside criteria (GFAA)
10	Internal standards outside specified control limits
10A	Recovery
10B	Retention time
11	Laboratory control sample recoveries outside specified limits
11A	Recovery
11B	% RPD (if run in duplicate)
12	Interference check standard
13	Serial dilution
14	Tentatively identified compounds
15	Quantitation
16	Multiple results available; alternate analysis preferred
17	Field duplicate RPD criteria is exceeded
18	Percent difference between original and second column exceeds QC criteria
19	Professional judgement was used to qualify the data
20	Pesticide clean-up checks
21	Target compound identification
22	Radiological calibration
23	Radiological quantitation
24	Reported result and/or lab qualifier revised to reflect validation findings

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 1 of 53

Sample Number:	Analytical/Extraction Method:			Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Qlfr	Code:	1								2	3	4					
CK208001																		
RP0001	SW8321	SW3550	N 0 1	DIMP	.061	mg/kg	U	N	Y	U	U					D99P3S	12:32	
				DMMP	.061	mg/kg	U	N	Y	U	U					D99P3S	12:32	
				EMPA	.061	mg/kg	U	N	Y	U	U					D99P3S	12:32	
				IMPA	.24	mg/kg	U	N	Y	U	U					D99P3S	12:32	
				MPA	2.5	mg/kg	U	N	Y	U	U					D99P3-1-0J	00:00	
				MPA	3	mg/kg	U	N	N	U	R	16				D99P3S	12:32	
				THIODIGLYCOL	.061	mg/kg	U	N	Y	U	U					D99P3S	12:32	
RP0002	SW8321	SW3550	N 0 1	DIMP	.064	mg/kg	U	N	Y		U					D990ES	15:00	
				DMMP	.064	mg/kg	U	N	Y		U					D990ES	15:00	
				EMPA	.064	mg/kg	U	N	Y		U					D990ES	15:00	
				IMPA	.26	mg/kg	U	N	Y		U					D990ES	15:00	
				MPA	2.5	mg/kg	U	N	Y		U					D990E-1-07	00:00	
				MPA	3.2	mg/kg	U	N	N		R	16				D990ES	15:00	
				THIODIGLYCOL	.064	mg/kg	U	N	Y		U					D990ES	15:00	
RP0004	SW8321	SW3550	N 0 1	DIMP	.06	mg/kg	U	N	Y	U	U					D99PES	13:46	
				DMMP	.06	mg/kg	U	N	Y	U	U					D99PES	13:46	
				EMPA	.06	mg/kg	U	N	Y	U	U					D99PES	13:46	
				IMPA	.24	mg/kg	U	N	Y	U	U					D99PES	13:46	
				MPA	2.5	mg/kg	U	N	Y	U	U					D99PE-1-07	00:00	
				MPA	3	mg/kg	U	N	N	U	R	16				D99PES	13:46	
				THIODIGLYCOL	.06	mg/kg	U	N	Y	U	U					D99PES	13:46	
RP0005	SW8321	SW3550	N 0 1	DIMP	.063	mg/kg	U	N	Y	U	U					D990HS	15:24	
				DMMP	.063	mg/kg	U	N	Y	U	U					D990HS	15:24	
				EMPA	.063	mg/kg	U	N	Y	U	U					D990HS	15:24	
				IMPA	.25	mg/kg	U	N	Y	U	U					D990HS	15:24	
				MPA	2.5	mg/kg	U	N	Y	U	U					D990H-1-07	00:00	
				MPA	3.1	mg/kg	U	N	N	U	R	16				D990HS	15:24	
				THIODIGLYCOL	.063	mg/kg	U	N	Y	U	U					D990HS	15:24	
RP0006	SW8321	SW3550	N 0 1	DIMP	.055	mg/kg	U	N	Y	U	U					D990JS	12:44	
				DMMP	.055	mg/kg	U	N	Y	U	U					D990JS	12:44	
				EMPA	.055	mg/kg	U	N	Y	U	U					D990JS	12:44	
				IMPA	.22	mg/kg	U	N	Y	U	U					D990JS	12:44	
				MPA	2.5	mg/kg	U	N	Y	U	U					D990J-1-07	00:00	
				MPA	2.8	mg/kg	U	N	N	U	R	16				D990JS	12:44	
				THIODIGLYCOL	.055	mg/kg	U	N	Y	U	U					D990JS	12:44	
RP0007	SW8321	SW3550	N 0 1	DIMP	.06	mg/kg	U	N	Y	U	U					D99PGS	14:10	
				DMMP	.06	mg/kg	U	N	Y	U	U					D99PGS	14:10	
				EMPA	.06	mg/kg	U	N	Y	U	U					D99PGS	14:10	
				IMPA	.24	mg/kg	U	N	Y	U	U					D99PGS	14:10	

# Fort McClellan

Page: 2 of 53

Sample Number:	Analytical/Extraction			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:					
	Method:	Flt	REX Dil:								Qlfr	Code:	1	2	3	4							
CK208001																							
RP0007	SW8321	SW3550	N	0	1	MPA	2.5	mg/kg	U	N	Y	U	U			D99PG-1-07	00:00						
						MPA	3	mg/kg	U	N	N	U	R	16	D99PGS	14:10							
						THIODIGLYCOL	.06	mg/kg	U	N	Y	U	U	D99PGS	14:10								
RP0008	SW8321	SW3550	N	0	1	DIMP	.063	mg/kg	U	N	Y	U	U			D99PHS	14:35						
						DMMP	.063	mg/kg	U	N	Y	U	U	D99PHS	14:35								
						EMPA	.063	mg/kg	U	N	Y	U	U	D99PHS	14:35								
						IMPA	.25	mg/kg	U	N	Y	U	U	D99PHS	14:35								
						MPA	2.5	mg/kg	U	N	Y	U	U	D99PH-1-07	00:00								
						MPA	3.1	mg/kg	U	N	N	U	R	16	D99PHS	14:35							
						THIODIGLYCOL	.063	mg/kg	U	N	Y	U	U	D99PHS	14:35								
						RP0001	SW6010	SW3050	N	0	1	ALUMINUM	8400	mg/kg		Y	Y	P			D99P3S	12:52	
ANTIMONY	7.3	mg/kg	U	N	Y							U	UJ	08A	D99P3S	12:52							
ARSENIC	18.2	mg/kg		Y	Y							P	J	13	D99P3S	12:52							
BARIUM	86.7	mg/kg		Y	Y							P		D99P3S	12:52								
BERYLLIUM	0.78	mg/kg		Y	Y							P		D99P3S	12:52								
CADMIUM	0.61	mg/kg	U	N	Y							U	U	D99P3S	12:52								
CALCIUM	130	mg/kg	B	Y	Y							P	J	15	D99P3S	12:52							
CHROMIUM	11.3	mg/kg		Y	Y							P		D99P3S	12:52								
COBALT	11.7	mg/kg		Y	Y							P		D99P3S	12:52								
COPPER	11.9	mg/kg		Y	Y							P		D99P3S	12:52								
IRON	18400	mg/kg		Y	Y							P		D99P3S	12:52								
LEAD	10.4	mg/kg		Y	Y							P		D99P3S	12:52								
MAGNESIUM	216	mg/kg	B	Y	Y							P	J	13	15	D99P3S	12:52						
MANGANESE	505	mg/kg		Y	Y							P		D99P3S	12:52								
NICKEL	14.5	mg/kg		Y	Y							P		D99P3S	12:52								
POTASSIUM	74.0	mg/kg	B	Y	Y							P	J	15	D99P3S	12:52							
SELENIUM	0.61	mg/kg	U	N	Y							U	U	D99P3S	12:52								
SILVER	1.2	mg/kg	U	N	Y							U	U	D99P3S	12:52								
SODIUM	610	mg/kg	U	N	Y							U	U	D99P3S	12:52								
THALLIUM	0.55	mg/kg	B	Y	Y							P	J	15	D99P3S	12:52							
VANADIUM	20.7	mg/kg		Y	Y							P		D99P3S	12:52								
ZINC	33.5	mg/kg		Y	Y							P	J	08A	D99P3S	12:52							
	SW7471	TOTAL	N	0	1							MERCURY	0.039	mg/kg	B	Y	Y	P	J	15	D99P3S	09:04	
RP0002	SW6010	SW3050	N	0	1							ALUMINUM	8490	mg/kg		Y	Y				D990ES	12:38	
												ANTIMONY	7.7	mg/kg	U	N	Y		UJ	08A	D990ES	12:38	
												ARSENIC	7.6	mg/kg		Y	Y		J	13	D990ES	12:38	
												BARIUM	131	mg/kg		Y	Y			D990ES	12:38		
												BERYLLIUM	0.61	mg/kg	B	Y	Y	F	B	06B	15	D990ES	12:38
												CADMIUM	0.64	mg/kg	U	N	Y		U	D990ES	12:38		
												CALCIUM	754	mg/kg		Y	Y			D990ES	12:38		



## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 3 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:	
												Qlfr	Code:	1	2	3	4			
CK208001																				
RP0002	SW6010	SW3050	N	0	1	CHROMIUM	10.1	mg/kg			Y	Y					D990ES	12:38		
						COBALT	6.0	mg/kg	B		Y	Y	J		15			D990ES	12:38	
						COPPER	4.8	mg/kg			Y	Y						D990ES	12:38	
						IRON	10500	mg/kg			Y	Y						D990ES	12:38	
						LEAD	18.2	mg/kg			Y	Y						D990ES	12:38	
						MAGNESIUM	269	mg/kg	B		Y	Y	J		13	15		D990ES	12:38	
						MANGANESE	1490	mg/kg			Y	Y						D990ES	12:38	
						NICKEL	4.5	mg/kg	B		Y	Y	J		15			D990ES	12:38	
						POTASSIUM	141	mg/kg	B		Y	Y	J		15			D990ES	12:38	
						SELENIUM	0.64	mg/kg	U		N	Y	U					D990ES	12:38	
						SILVER	1.3	mg/kg	U		N	Y	U					D990ES	12:38	
						SODIUM	639	mg/kg	U		N	Y	U					D990ES	12:38	
						THALLIUM	1.3	mg/kg	U		N	Y	U					D990ES	12:38	
						VANADIUM	19.5	mg/kg			Y	Y						D990ES	12:38	
						ZINC	22.8	mg/kg			Y	Y	J		08A			D990ES	12:38	
							SW7471	TOTAL	N	0	1	MERCURY	0.070	mg/kg			Y	Y		
RP0004	SW6010	SW3050	N	0	1	ALUMINUM	5590	mg/kg			Y	Y	P				D99PES	13:21		
						ANTIMONY	0.91	mg/kg	B		Y	Y	P	J		08A	15		D99PES	13:21
						ARSENIC	38.1	mg/kg			Y	Y	P	J		13			D99PES	13:21
						BARIUM	4.1	mg/kg	B		Y	Y	P	J		15			D99PES	13:21
						BERYLLIUM	0.40	mg/kg	B		Y	Y	F	B		06B	15		D99PES	13:21
						CADMIUM	0.60	mg/kg	U		N	Y	U	U					D99PES	13:21
						CALCIUM	603	mg/kg	U		N	Y	U	U					D99PES	13:21
						CHROMIUM	29.9	mg/kg			Y	Y	P						D99PES	13:21
						COBALT	6.6	mg/kg			Y	Y	P						D99PES	13:21
						COPPER	19.6	mg/kg			Y	Y	P						D99PES	13:21
						IRON	36000	mg/kg			Y	Y	P						D99PES	13:21
						LEAD	6.4	mg/kg			Y	Y	P						D99PES	13:21
						MAGNESIUM	74.8	mg/kg	B		Y	Y	P	J		13	15		D99PES	13:21
						MANGANESE	69.9	mg/kg			Y	Y	P						D99PES	13:21
						NICKEL	14.5	mg/kg			Y	Y	P						D99PES	13:21
						POTASSIUM	98.6	mg/kg	B		Y	Y	P	J		15			D99PES	13:21
						SELENIUM	0.60	mg/kg	U		N	Y	U	U					D99PES	13:21
						SILVER	1.2	mg/kg	U		N	Y	U	U					D99PES	13:21
						SODIUM	603	mg/kg	U		N	Y	U	U					D99PES	13:21
						THALLIUM	1.2	mg/kg	U		N	Y	U	U					D99PES	13:21
						VANADIUM	62.7	mg/kg			Y	Y	P						D99PES	13:21
						ZINC	45.3	mg/kg			Y	Y	P	J		08A			D99PES	13:21
							SW7471	TOTAL	N	0	1	MERCURY	0.017	mg/kg	B		Y	Y	P	J
RP0005	SW6010	SW3050	N	0	1	ALUMINUM	6430	mg/kg			Y	Y	P				D990HS	12:43		

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 4 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
												Qlfr	Code:	1	2	3	4		
CK208001																			
RP0005	SW6010	SW3050	N	0	1	ANTIMONY	7.5	mg/kg	U	N	Y	U	UJ		08A			D990HS	12:43
						ARSENIC	4.7	mg/kg		Y	Y	P	J		13			D990HS	12:43
						BARIUM	106	mg/kg		Y	Y	P						D990HS	12:43
						BERYLLIUM	0.45	mg/kg	B	Y	Y	F	B		06B	15		D990HS	12:43
						CADMIUM	0.63	mg/kg	U	N	Y	U	U					D990HS	12:43
						CALCIUM	616	mg/kg	B	Y	Y	P	J		15			D990HS	12:43
						CHROMIUM	8.3	mg/kg		Y	Y	P						D990HS	12:43
						COBALT	5.2	mg/kg	B	Y	Y	P	J		15			D990HS	12:43
						COPPER	3.7	mg/kg		Y	Y	P						D990HS	12:43
						IRON	7780	mg/kg		Y	Y	P						D990HS	12:43
						LEAD	14.1	mg/kg		Y	Y	P						D990HS	12:43
						MAGNESIUM	213	mg/kg	B	Y	Y	P	J		13	15		D990HS	12:43
						MANGANESE	1240	mg/kg		Y	Y	P						D990HS	12:43
						NICKEL	3.2	mg/kg	B	Y	Y	P	J		15			D990HS	12:43
						POTASSIUM	105	mg/kg	B	Y	Y	P	J		15			D990HS	12:43
						SELENIUM	0.63	mg/kg	U	N	Y	U	U					D990HS	12:43
						SILVER	1.3	mg/kg	U	N	Y	U	U					D990HS	12:43
						SODIUM	629	mg/kg	U	N	Y	U	U					D990HS	12:43
						THALLIUM	0.59	mg/kg	B	Y	Y	P	J		15			D990HS	12:43
						VANADIUM	14.2	mg/kg		Y	Y	P						D990HS	12:43
						ZINC	16.2	mg/kg		Y	Y	P	J		08A			D990HS	12:43
						RP0006	SW7471	TOTAL	N	0	1	MERCURY	0.068	mg/kg		Y	Y	P	
SW6010	SW3050	N	0	1	ALUMINUM		2960	mg/kg		Y	Y	P					D990JS	12:47	
					ANTIMONY		6.7	mg/kg	U	N	Y	U	UJ		08A			D990JS	12:47
					ARSENIC		32.2	mg/kg		Y	Y	P	J		13			D990JS	12:47
					BARIUM		3.0	mg/kg	B	Y	Y	P	J		15			D990JS	12:47
					BERYLLIUM		0.13	mg/kg	B	Y	Y	F	B		06B	15		D990JS	12:47
					CADMIUM		0.55	mg/kg	U	N	Y	U	U					D990JS	12:47
					CALCIUM		554	mg/kg	U	N	Y	U	U					D990JS	12:47
					CHROMIUM		30.5	mg/kg		Y	Y	P						D990JS	12:47
					COBALT		1.3	mg/kg	B	Y	Y	P	J		15			D990JS	12:47
					COPPER		13.9	mg/kg		Y	Y	P						D990JS	12:47
					IRON		14500	mg/kg		Y	Y	P						D990JS	12:47
					LEAD		5.2	mg/kg		Y	Y	P						D990JS	12:47
					MAGNESIUM		53.7	mg/kg	B	Y	Y	P	J		13	15		D990JS	12:47
					MANGANESE		26.3	mg/kg		Y	Y	P						D990JS	12:47
					NICKEL		7.6	mg/kg		Y	Y	P						D990JS	12:47
					POTASSIUM		126	mg/kg	B	Y	Y	P	J		15			D990JS	12:47
					SELENIUM		0.55	mg/kg	U	N	Y	U	U					D990JS	12:47
					SILVER		1.1	mg/kg	U	N	Y	U	U					D990JS	12:47

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 5 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
													Qlfr	Code:	1	2	3	4		
CK208001																				
RP0006	SW6010	SW3050	N	0	1	SODIUM	554	mg/kg	U	N	Y	U	U						D990JS	12:47
						THALLIUM	1.1	mg/kg	U	N	Y	U	U					D990JS	12:47	
						VANADIUM	25.1	mg/kg		Y	Y	P						D990JS	12:47	
						ZINC	17.3	mg/kg		Y	Y	P	J		08A			D990JS	12:47	
	SW7471	TOTAL	N	0	1	MERCURY	0.031	mg/kg	B	Y	Y	P	J		15			D990JS	09:02	
RP0007	SW6010	SW3050	N	0	1	ALUMINUM	7940	mg/kg		Y	Y	P						D99PGS	13:25	
						ANTIMONY	7.2	mg/kg	U	N	Y	U	UJ		08A			D99PGS	13:25	
						ARSENIC	5.3	mg/kg		Y	Y	P	J		13			D99PGS	13:25	
						BARIUM	57.5	mg/kg		Y	Y	P						D99PGS	13:25	
						BERYLLIUM	0.47	mg/kg	B	Y	Y	F	B		06B	15		D99PGS	13:25	
						CADMIUM	0.60	mg/kg	U	N	Y	U	U					D99PGS	13:25	
						CALCIUM	90.3	mg/kg	B	Y	Y	P	J		15			D99PGS	13:25	
						CHROMIUM	7.3	mg/kg		Y	Y	P						D99PGS	13:25	
						COBALT	6.2	mg/kg		Y	Y	P						D99PGS	13:25	
						COPPER	3.5	mg/kg		Y	Y	P						D99PGS	13:25	
						IRON	7480	mg/kg		Y	Y	P						D99PGS	13:25	
						LEAD	11.6	mg/kg		Y	Y	P						D99PGS	13:25	
						MAGNESIUM	217	mg/kg	B	Y	Y	P	J		13	15		D99PGS	13:25	
						MANGANESE	799	mg/kg		Y	Y	P						D99PGS	13:25	
						NICKEL	3.7	mg/kg	B	Y	Y	P	J		15			D99PGS	13:25	
						POTASSIUM	81.8	mg/kg	B	Y	Y	P	J		15			D99PGS	13:25	
						SELENIUM	0.60	mg/kg	U	N	Y	U	U					D99PGS	13:25	
						SILVER	1.2	mg/kg	U	N	Y	U	U					D99PGS	13:25	
						SODIUM	597	mg/kg	U	N	Y	U	U					D99PGS	13:25	
						THALLIUM	0.57	mg/kg	B	Y	Y	P	J		15			D99PGS	13:25	
						VANADIUM	14.5	mg/kg		Y	Y	P						D99PGS	13:25	
						ZINC	8.9	mg/kg		Y	Y	P	J		08A			D99PGS	13:25	
	SW7471	TOTAL	N	0	1	MERCURY	0.024	mg/kg	B	Y	Y	F	B		06B	15		D99PGS	09:18	
RP0008	SW6010	SW3050	N	0	1	ALUMINUM	3310	mg/kg		Y	Y	P						D99PHS	13:30	
						ANTIMONY	0.60	mg/kg	B	Y	Y	P	J		08A	15		D99PHS	13:30	
						ARSENIC	50.8	mg/kg		Y	Y	P	J		13			D99PHS	13:30	
						BARIUM	4.5	mg/kg	B	Y	Y	P	J		15			D99PHS	13:30	
						BERYLLIUM	0.40	mg/kg	B	Y	Y	F	B		06B	15		D99PHS	13:30	
						CADMIUM	0.63	mg/kg	U	N	Y	U	U					D99PHS	13:30	
						CALCIUM	630	mg/kg	U	N	Y	U	U					D99PHS	13:30	
						CHROMIUM	6.7	mg/kg		Y	Y	P						D99PHS	13:30	
						COBALT	3.0	mg/kg	B	Y	Y	P	J		15			D99PHS	13:30	
						COPPER	29.5	mg/kg		Y	Y	P						D99PHS	13:30	
						IRON	21400	mg/kg		Y	Y	P						D99PHS	13:30	
						LEAD	17.8	mg/kg		Y	Y	P						D99PHS	13:30	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 6 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
<b>CK208001</b>																
RP0008	SW6010	SW3050	N 0 1	MAGNESIUM	111	mg/kg	B	Y Y P	J		13	15			D99PHS	13:30
				MANGANESE	107	mg/kg		Y Y P							D99PHS	13:30
				NICKEL	16.8	mg/kg		Y Y P							D99PHS	13:30
				POTASSIUM	271	mg/kg	B	Y Y P	J		15				D99PHS	13:30
				SELENIUM	0.63	mg/kg	U	N Y U	U						D99PHS	13:30
				SILVER	1.3	mg/kg	U	N Y U	U						D99PHS	13:30
				SODIUM	630	mg/kg	U	N Y U	U						D99PHS	13:30
				THALLIUM	0.56	mg/kg	B	Y Y P	J		15				D99PHS	13:30
				VANADIUM	27.1	mg/kg		Y Y P							D99PHS	13:30
				ZINC	52.2	mg/kg		Y Y P	J		08A				D99PHS	13:30
	SW7471	TOTAL	N 0 1	MERCURY	0.032	mg/kg	B	Y Y F	B		06B	15			D99PHS	09:21
RP0001	SW8330	SW3550	N 0 1	1,3,5-TRINITROBENZENE	0.25	mg/kg	U	N Y U	U						D99P3S	11:00
				1,3-DINITROBENZENE	0.25	mg/kg	U	N Y U	U						D99P3S	11:00
				2,4,6-TRINITROTOLUENE	0.25	mg/kg	U	N Y U	U						D99P3S	11:00
				2,4-DINITROTOLUENE	0.82	mg/kg		Y Y P							D99P3S	11:00
				2,6-DINITROTOLUENE	0.48	mg/kg		Y Y P							D99P3S	11:00
				2-AMINO-4,6-DINITROTOLUENE	0.25	mg/kg	U	N Y U	U						D99P3S	11:00
				2-NITROTOLUENE	5.0	mg/kg		Y Y P	J		08A				D99P3S	11:00
				3-NITROTOLUENE	0.57	mg/kg		Y Y P							D99P3S	11:00
				4-AMINO-2,6-DINITROTOLUENE	0.25	mg/kg	U	N Y U	U						D99P3S	11:00
				4-NITROTOLUENE	5.8	mg/kg		Y Y P	J		08A				D99P3S	11:00
				HMX	0.50	mg/kg	U	N Y U	U						D99P3S	11:00
				NITROBENZENE	0.25	mg/kg	U	N Y U	U						D99P3S	11:00
RP0002	SW8330	SW3550	N 0 1	RDX	0.50	mg/kg	U	N Y U	U						D99P3S	11:00
				TETRYL	0.65	mg/kg	U	N Y U	U						D99P3S	11:00
				1,3,5-TRINITROBENZENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				1,3-DINITROBENZENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				2,4,6-TRINITROTOLUENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				2,4-DINITROTOLUENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				2,6-DINITROTOLUENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				2-AMINO-4,6-DINITROTOLUENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				2-NITROTOLUENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				3-NITROTOLUENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				4-AMINO-2,6-DINITROTOLUENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				4-NITROTOLUENE	0.25	mg/kg	U	N Y	UJ		08A				D990ES	20:27
				HMX	0.50	mg/kg	U	N Y	U						D990ES	20:27
RP0004	SW8330	SW3550	N 0 2	NITROBENZENE	0.25	mg/kg	U	N Y	U						D990ES	20:27
				RDX	0.50	mg/kg	U	N Y	U						D990ES	20:27
				TETRYL	0.65	mg/kg	U	N Y	U						D990ES	20:27
				1,3,5-TRINITROBENZENE	0.50	mg/kg	U	N Y U	U						D99PES	03:55

# Fort McClellan

Page: 7 of 53

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX Dil:								Qlfr	Code:	1	2	3	4		
CK208001																		
RP0004	SW8330	SW3550	N 0 2	1,3-DINITROBENZENE	0.50	mg/kg	U	N	Y	U	U					D99PES	03:55	
				2,4,6-TRINITROTOLUENE	0.50	mg/kg	U	N	Y	U	U					D99PES	03:55	
				2,4-DINITROTOLUENE	0.50	mg/kg	U	N	Y	U	U					D99PES	03:55	
				2,6-DINITROTOLUENE	0.50	mg/kg	U	N	Y	U	U					D99PES	03:55	
				2-AMINO-4,6-DINITROTOLUENE	0.50	mg/kg	U	N	Y	U	U					D99PES	03:55	
				2-NITROTOLUENE	13	mg/kg		Y	Y	P	J		08A			D99PES	03:55	
				3-NITROTOLUENE	1.2	mg/kg		Y	Y	P						D99PES	03:55	
				4-AMINO-2,6-DINITROTOLUENE	0.50	mg/kg	U	N	Y	U	U					D99PES	03:55	
				4-NITROTOLUENE	7.8	mg/kg		Y	Y	P	J		08A			D99PES	03:55	
				HMX	1.0	mg/kg	U	N	Y	U	U					D99PES	03:55	
				NITROBENZENE	0.50	mg/kg	U	N	Y	U	U					D99PES	03:55	
				RDX	1.0	mg/kg	U	N	Y	U	U					D99PES	03:55	
				TETRYL	1.3	mg/kg	U	N	Y	U	U					D99PES	03:55	
RP0005	SW8330	SW3550	N 0 1	1,3,5-TRINITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				1,3-DINITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				2,4,6-TRINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				2,4-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				2,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				2-AMINO-4,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				2-NITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				3-NITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				4-AMINO-2,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				4-NITROTOLUENE	0.25	mg/kg	U	N	Y	U	UJ		08A			D990HS	20:39	
				HMX	0.50	mg/kg	U	N	Y	U	U					D990HS	20:39	
				NITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D990HS	20:39	
				RDX	0.50	mg/kg	U	N	Y	U	U					D990HS	20:39	
TETRYL	0.65	mg/kg	U	N	Y	U	U					D990HS	20:39					
RP0006	SW8330	SW3550	N 0 1	1,3,5-TRINITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				1,3-DINITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				2,4,6-TRINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				2,4-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				2,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				2-AMINO-4,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				2-NITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				3-NITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				4-AMINO-2,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				4-NITROTOLUENE	0.25	mg/kg	U	N	Y	U	UJ		08A			D990JS	20:52	
				HMX	0.50	mg/kg	U	N	Y	U	U					D990JS	20:52	
				NITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D990JS	20:52	
				RDX	0.50	mg/kg	U	N	Y	U	U					D990JS	20:52	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 8 of 53

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Flt	REX	Dil:								Qlfr	Code:	1	2	3	4		
CK208001																		
RP0006	SW8330	SW3550	N 0 1	TETRYL	0.65	mg/kg	U	N	Y	U	U					D990JS	20:52	
RP0007	SW8330	SW3550	N 0 1	1,3,5-TRINITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				1,3-DINITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				2,4,6-TRINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				2,4-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				2,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				2-AMINO-4,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				2-NITROTOLUENE	6.4	mg/kg		Y	Y	P	J		08A			D99PGS	10:35	
				3-NITROTOLUENE	0.55	mg/kg		Y	Y	P						D99PGS	10:35	
				4-AMINO-2,6-DINITROTOLUENE	0.25	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				4-NITROTOLUENE	4.1	mg/kg		Y	Y	P	J		08A			D99PGS	10:35	
				HMX	0.50	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				NITROBENZENE	0.25	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				RDX	0.50	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				TETRYL	0.65	mg/kg	U	N	Y	U	U					D99PGS	10:35	
				RP0008	SW8330	SW3550	N 0 2	1,3,5-TRINITROBENZENE	0.50	mg/kg	U	N	Y	U	U			
1,3-DINITROBENZENE	0.50	mg/kg	U					N	Y	U	U					D99PHS	04:08	
2,4,6-TRINITROTOLUENE	0.50	mg/kg	U					N	Y	U	U					D99PHS	04:08	
2,4-DINITROTOLUENE	0.94	mg/kg						Y	Y	P						D99PHS	04:08	
2,6-DINITROTOLUENE	0.65	mg/kg						Y	Y	P						D99PHS	04:08	
2-AMINO-4,6-DINITROTOLUENE	0.50	mg/kg	U					N	Y	U	U					D99PHS	04:08	
2-NITROTOLUENE	17	mg/kg						Y	Y	P	J		08A			D99PHS	04:08	
3-NITROTOLUENE	1.7	mg/kg						Y	Y	P						D99PHS	04:08	
4-AMINO-2,6-DINITROTOLUENE	0.50	mg/kg	U					N	Y	U	U					D99PHS	04:08	
4-NITROTOLUENE	15	mg/kg						Y	Y	P	J		08A			D99PHS	04:08	
HMX	1.0	mg/kg	U					N	Y	U	U					D99PHS	04:08	
NITROBENZENE	0.50	mg/kg	U					N	Y	U	U					D99PHS	04:08	
RDX	1.0	mg/kg	U					N	Y	U	U					D99PHS	04:08	
TETRYL	1.3	mg/kg	U					N	Y	U	U					D99PHS	04:08	
RP0001	SW8270	METHOD	N 1 1					1,4-DITHIANE	1.2	mg/kg	U	N	Y	U	U			
				1,4-OXATHIANE	0.61	mg/kg	U	N	Y	U	U					D99P3S	15:03	
				P-CHLOROPHENYLMETHYLSULFONE	6.1	mg/kg	U	N	Y	U	U					D99P3S	15:03	
				P-CHLOROPHENYLMETHYLSULFOXIDE	6.1	mg/kg	U	N	Y	U	U					D99P3S	15:03	
RP0002	SW8270	METHOD	N 1 1	1,4-DITHIANE	1.3	mg/kg	U	N	Y		U				D990ES	16:28		
				1,4-OXATHIANE	0.64	mg/kg	U	N	Y		U				D990ES	16:28		
				P-CHLOROPHENYLMETHYLSULFONE	6.4	mg/kg	U	N	Y		U				D990ES	16:28		
				P-CHLOROPHENYLMETHYLSULFOXIDE	6.4	mg/kg	U	N	Y		U				D990ES	16:28		
RP0004	SW8270	METHOD	N 1 1	1,4-DITHIANE	1.2	mg/kg	U	N	Y	U	U				D99PES	13:39		
				1,4-OXATHIANE	0.60	mg/kg	U	N	Y	U	U				D99PES	13:39		

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 9 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
													Qlfr	Code:	1	2	3	4		
CK208001																				
RP0004	SW8270	METHOD	N	1	1	P-CHLOROPHENYLMETHYLSULFONE	6.0	mg/kg	U	N	Y	U	U						D99PES	13:39
						P-CHLOROPHENYLMETHYLSULFOXIDE	6.0	mg/kg	U	N	Y	U	U						D99PES	13:39
RP0005	SW8270	METHOD	N	1	1	1,4-DITHIANE	1.3	mg/kg	U	N	Y	U	U						D990HS	16:56
						1,4-OXATHIANE	0.63	mg/kg	U	N	Y	U	U						D990HS	16:56
						P-CHLOROPHENYLMETHYLSULFONE	6.3	mg/kg	U	N	Y	U	U						D990HS	16:56
						P-CHLOROPHENYLMETHYLSULFOXIDE	6.3	mg/kg	U	N	Y	U	U						D990HS	16:56
RP0006	SW8270	METHOD	N	1	1	1,4-DITHIANE	1.1	mg/kg	U	N	Y	U	U						D990JS	17:24
						1,4-OXATHIANE	0.55	mg/kg	U	N	Y	U	U						D990JS	17:24
						P-CHLOROPHENYLMETHYLSULFONE	5.5	mg/kg	U	N	Y	U	U						D990JS	17:24
						P-CHLOROPHENYLMETHYLSULFOXIDE	5.5	mg/kg	U	N	Y	U	U						D990JS	17:24
RP0007	SW8270	METHOD	N	1	1	1,4-DITHIANE	1.2	mg/kg	U	N	Y	U	U						D99PGS	14:07
						1,4-OXATHIANE	0.60	mg/kg	U	N	Y	U	U						D99PGS	14:07
						P-CHLOROPHENYLMETHYLSULFONE	6.0	mg/kg	U	N	Y	U	U						D99PGS	14:07
						P-CHLOROPHENYLMETHYLSULFOXIDE	6.0	mg/kg	U	N	Y	U	U						D99PGS	14:07
RP0008	SW8270	METHOD	N	1	1	1,4-DITHIANE	1.3	mg/kg	U	N	Y	U	U						D99PHS	14:35
						1,4-OXATHIANE	0.63	mg/kg	U	N	Y	U	U						D99PHS	14:35
						P-CHLOROPHENYLMETHYLSULFONE	6.3	mg/kg	U	N	Y	U	U						D99PHS	14:35
						P-CHLOROPHENYLMETHYLSULFOXIDE	6.3	mg/kg	U	N	Y	U	U						D99PHS	14:35
RP0001	SW8270	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						1,2-DICHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						1,3-DICHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						1,4-DICHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2,2'-OXYBIS(1-CHLOROPROPANE)	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2,4,5-TRICHLOROPHENOL	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2,4,6-TRICHLOROPHENOL	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2,4-DICHLOROPHENOL	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2,4-DIMETHYLPHENOL	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2,4-DINITROPHENOL	2	mg/kg	U	N	Y	U	UJ		05B				D99P3S	03:02
						2,4-DINITROTOLUENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2,6-DINITROTOLUENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2-CHLORONAPHTHALENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2-CHLOROPHENOL	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2-METHYLNAPHTHALENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2-NITROANILINE	2	mg/kg	U	N	Y	U	U						D99P3S	03:02
						2-NITROPHENOL	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						3,3'-DICHLOROBENZIDINE	2	mg/kg	U	N	Y	U	U						D99P3S	03:02
						3-NITROANILINE	2	mg/kg	U	N	Y	U	U						D99P3S	03:02
						4,6-DINITRO-2-METHYLPHENOL	2	mg/kg	U	N	Y	U	U						D99P3S	03:02

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 10 of 53

Sample Number:	Analytical/Extraction		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:										Qlfr	Code:	1	2	3	4		
CK208001																		
RP0001	SW8270	SW3550	N 0 1	4-BROMOPHENYL PHENYL ETHER	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				4-CHLORO-3-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				4-CHLOROANILINE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				4-CHLOROPHENYL PHENYL ETHER	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				4-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				4-NITROANILINE	2	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				4-NITROPHENOL	2	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				ACENAPHTHENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				ACENAPHTHYLENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				ANTHRACENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				BENZ(A)ANTHRACENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				BENZO(A)PYRENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				BENZO(B)FLUORANTHENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				BENZO(GHI)PERYLENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				BENZO(K)FLUORANTHENE	.4	mg/kg	U	N	Y	U	UJ		05B			D99P3S	03:02	
				BIS(2-CHLOROETHOXY)METHANE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				BIS(2-CHLOROETHYL) ETHER	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				BIS(2-ETHYLHEXYL) PHTHALATE	.094	mg/kg	J B	Y	Y	F	B		06A	15		D99P3S	03:02	
				BUTYL BENZYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				CARBAZOLE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				CHRYSENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				DI-N-BUTYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				DI-N-OCTYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				DIBENZ(A,H)ANTHRACENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				DIBENZOFURAN	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				DIETHYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				DIMETHYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				FLUORANTHENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				FLUORENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				HEXACHLOROBENZENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				HEXACHLOROBUTADIENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				HEXACHLOROCYCLOPENTADIENE	2	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				HEXACHLOROETHANE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				INDENO(1,2,3-CD)PYRENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				ISOPHORONE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				N-NITROSODI-N-PROPYLAMINE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				N-NITROSODIPHENYLAMINE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				NAPHTHALENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				NITROBENZENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
				PENTACHLOROPHENOL	2	mg/kg	U	N	Y	U	U					D99P3S	03:02	



## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 11 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis
													Qlfr	Code:	1	2	3	4		Time:
CK208001																				
RP0001	SW8270	SW3550	N	0	1	PHENANTHRENE	.4	mg/kg	U	N	Y	U	U						D99P3S	03:02
						PHENOL	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
						PYRENE	.4	mg/kg	U	N	Y	U	U					D99P3S	03:02	
RP0002	SW8270	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.42	mg/kg	U	N	Y		U						D990ES	04:10
						1,2-DICHLOROBENZENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						1,3-DICHLOROBENZENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						1,4-DICHLOROBENZENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2,2'-OXYBIS(1-CHLOROPROPANE)	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2,4,5-TRICHLOROPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2,4,6-TRICHLOROPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2,4-DICHLOROPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2,4-DIMETHYLPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2,4-DINITROPHENOL	2	mg/kg	U	N	Y		UJ		05B			D990ES	04:10	
						2,4-DINITROTOLUENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2,6-DINITROTOLUENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2-CHLORONAPHTHALENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2-CHLOROPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2-METHYLNAPHTHALENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2-METHYLPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						2-NITROANILINE	2	mg/kg	U	N	Y		U					D990ES	04:10	
						2-NITROPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						3,3'-DICHLOROBENZIDINE	2	mg/kg	U	N	Y		U					D990ES	04:10	
						3-NITROANILINE	2	mg/kg	U	N	Y		U					D990ES	04:10	
						4,6-DINITRO-2-METHYLPHENOL	2	mg/kg	U	N	Y		U					D990ES	04:10	
						4-BROMOPHENYL PHENYL ETHER	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						4-CHLORO-3-METHYLPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						4-CHLOROANILINE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						4-CHLOROPHENYL PHENYL ETHER	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						4-METHYLPHENOL	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						4-NITROANILINE	2	mg/kg	U	N	Y		U					D990ES	04:10	
						4-NITROPHENOL	2	mg/kg	U	N	Y		U					D990ES	04:10	
						ACENAPHTHENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						ACENAPHTHYLENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						ANTHRACENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						BENZ(A)ANTHRACENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						BENZO(A)PYRENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						BENZO(B)FLUORANTHENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						BENZO(GH)PERYLENE	.42	mg/kg	U	N	Y		U					D990ES	04:10	
						BENZO(K)FLUORANTHENE	.42	mg/kg	U	N	Y		UJ		05B			D990ES	04:10	
						BIS(2-CHLOROETHOXY)METHANE	.42	mg/kg	U	N	Y		U					D990ES	04:10	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 12 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
												1	2	3	4		
<b>CK208001</b>																	
RP0002	SW8270	SW3550	N 0 1	BIS(2-CHLOROETHYL) ETHER	.42	mg/kg	U	N	Y	U						D990ES	04:10
				BIS(2-ETHYLHEXYL) PHTHALATE	.11	mg/kg	J B	Y	Y	B		06A	15			D990ES	04:10
				BUTYL BENZYL PHTHALATE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				CARBAZOLE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				CHRYSENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				DI-N-BUTYL PHTHALATE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				DI-N-OCTYL PHTHALATE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				DIBENZ(A,H)ANTHRACENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				DIBENZOFURAN	.42	mg/kg	U	N	Y	U						D990ES	04:10
				DIETHYL PHTHALATE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				DIMETHYL PHTHALATE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				FLUORANTHENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				FLUORENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				HEXACHLORO BENZENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				HEXACHLOROBUTADIENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				HEXACHLOROCYCLOPENTADIENE	2	mg/kg	U	N	Y	U						D990ES	04:10
				HEXACHLOROETHANE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				INDENO(1,2,3-CD)PYRENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				ISOPHORONE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				N-NITROSODI-N-PROPYLAMINE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				N-NITROSODIPHENYLAMINE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				NAPHTHALENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				NITROBENZENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				PENTACHLOROPHENOL	2	mg/kg	U	N	Y	U						D990ES	04:10
				PHENANTHRENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
				PHENOL	.42	mg/kg	U	N	Y	U						D990ES	04:10
				PYRENE	.42	mg/kg	U	N	Y	U						D990ES	04:10
RP0004	SW8270	SW3550	N 0 1	1,2,4-TRICHLORO BENZENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				1,2-DICHLORO BENZENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				1,3-DICHLORO BENZENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				1,4-DICHLORO BENZENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				2,2'-OXYBIS(1-CHLOROPROPANE)	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				2,4,5-TRICHLOROPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				2,4,6-TRICHLOROPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				2,4-DICHLOROPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				2,4-DIMETHYLPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				2,4-DINITROPHENOL	1.9	mg/kg	U	N	Y	U	UJ		05B			D99PES	01:53
				2,4-DINITROTOLUENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				2,6-DINITROTOLUENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53
				2-CHLORONAPHTHALENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 13 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis
											Qlfr	Code:	1	2	3	4		Time:
CK208001																		
RP0004	SW8270	SW3550	N 0 1	2-CHLOROPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				2-METHYLNAPHTHALENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				2-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				2-NITROANILINE	1.9	mg/kg	U	N	Y	U	U					D99PES	01:53	
				2-NITROPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				3,3'-DICHLOROBENZIDINE	1.9	mg/kg	U	N	Y	U	U					D99PES	01:53	
				3-NITROANILINE	1.9	mg/kg	U	N	Y	U	U					D99PES	01:53	
				4,6-DINITRO-2-METHYLPHENOL	1.9	mg/kg	U	N	Y	U	U					D99PES	01:53	
				4-BROMOPHENYL PHENYL ETHER	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				4-CHLORO-3-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				4-CHLOROANILINE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				4-CHLOROPHENYL PHENYL ETHER	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				4-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				4-NITROANILINE	1.9	mg/kg	U	N	Y	U	U					D99PES	01:53	
				4-NITROPHENOL	1.9	mg/kg	U	N	Y	U	U					D99PES	01:53	
				ACENAPHTHENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				ACENAPHTHYLENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				ANTHRACENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				BENZ(A)ANTHRACENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				BENZO(A)PYRENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				BENZO(B)FLUORANTHENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				BENZO(GH)PERYLENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				BENZO(K)FLUORANTHENE	.4	mg/kg	U	N	Y	U	UJ		05B			D99PES	01:53	
				BIS(2-CHLOROETHOXY)METHANE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				BIS(2-CHLOROETHYL) ETHER	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				BIS(2-ETHYLHEXYL) PHTHALATE	.078	mg/kg	JB	Y	Y	F	B		06A	15		D99PES	01:53	
				BUTYL BENZYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				CARBAZOLE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				CHRYSENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				DI-N-BUTYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				DI-N-OCTYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				DIBENZ(A,H)ANTHRACENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				DIBENZOFURAN	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				DIETHYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				DIMETHYL PHTHALATE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				FLUORANTHENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				FLUORENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				HEXACHLOROBENZENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				HEXACHLOROBUTADIENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				HEXACHLOROCYCLOPENTADIENE	1.9	mg/kg	U	N	Y	U	U					D99PES	01:53	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 14 of 53

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Qlfr	Code:	1								2	3	4					
CK208001																		
RP0004	SW8270	SW3550	N 0 1	HEXACHLOROETHANE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				INDENO(1,2,3-CD)PYRENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				ISOPHORONE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				N-NITROSODI-N-PROPYLAMINE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				N-NITROSODIPHENYLAMINE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				NAPHTHALENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				NITROBENZENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				PENTACHLOROPHENOL	1.9	mg/kg	U	N	Y	U	U					D99PES	01:53	
				PHENANTHRENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
				PHENOL	.4	mg/kg	U	N	Y	U	U					D99PES	01:53	
PYRENE	.4	mg/kg	U	N	Y	U	U					D99PES	01:53					
RP0005	SW8270	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				1,2-DICHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				1,3-DICHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				1,4-DICHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2,2'-OXYBIS(1-CHLOROPROPANE)	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2,4,5-TRICHLOROPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2,4,6-TRICHLOROPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2,4-DICHLOROPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2,4-DIMETHYLPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2,4-DINITROPHENOL	2	mg/kg	U	N	Y	U	UJ		05B			D990HS	04:33	
				2,4-DINITROTOLUENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2,6-DINITROTOLUENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2-CHLORONAPHTHALENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2-CHLOROPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2-METHYLNAPHTHALENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2-METHYLPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2-NITROANILINE	2	mg/kg	U	N	Y	U	U					D990HS	04:33	
				2-NITROPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				3,3'-DICHLOROBENZIDINE	2	mg/kg	U	N	Y	U	U					D990HS	04:33	
				3-NITROANILINE	2	mg/kg	U	N	Y	U	U					D990HS	04:33	
				4,6-DINITRO-2-METHYLPHENOL	2	mg/kg	U	N	Y	U	U					D990HS	04:33	
				4-BROMOPHENYL PHENYL ETHER	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				4-CHLORO-3-METHYLPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				4-CHLOROANILINE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				4-CHLOROPHENYL PHENYL ETHER	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				4-METHYLPHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				4-NITROANILINE	2	mg/kg	U	N	Y	U	U					D990HS	04:33	
				4-NITROPHENOL	2	mg/kg	U	N	Y	U	U					D990HS	04:33	
				ACENAPHTHENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	

# Fort McClellan

Page: 15 of 53

Sample Number:	Analytical/Extraction			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX Dil:								Qlfr	Code:	1	2	3	4		
CK208001																		
RP0005	SW8270	SW3550	N 0 1	ACENAPHTHYLENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				ANTHRACENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				BENZ(A)ANTHRACENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				BENZO(A)PYRENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				BENZO(B)FLUORANTHENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				BENZO(GHI)PERYLENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				BENZO(K)FLUORANTHENE	.42	mg/kg	U	N	Y	U	UJ			05B		D990HS	04:33	
				BIS(2-CHLOROETHOXY)METHANE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				BIS(2-CHLOROETHYL) ETHER	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				BIS(2-ETHYLHEXYL) PHTHALATE	.097	mg/kg	J B	Y	Y	F	B			06A 15		D990HS	04:33	
				BUTYL BENZYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				CARBAZOLE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				CHRYSENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				DI-N-BUTYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				DI-N-OCTYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				DIBENZ(A,H)ANTHRACENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				DIBENZOFURAN	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				DIETHYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				DIMETHYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				FLUORANTHENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				FLUORENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				HEXACHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				HEXACHLOROBUTADIENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				HEXACHLOROCYCLOPENTADIENE	2	mg/kg	U	N	Y	U	U					D990HS	04:33	
				HEXACHLOROETHANE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				INDENO(1,2,3-CD)PYRENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				ISOPHORONE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				N-NITROSODI-N-PROPYLAMINE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				N-NITROSODIPHENYLAMINE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				NAPHTHALENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				NITROBENZENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				PENTACHLOROPHENOL	2	mg/kg	U	N	Y	U	U					D990HS	04:33	
				PHENANTHRENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				PHENOL	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				PYRENE	.42	mg/kg	U	N	Y	U	U					D990HS	04:33	
				RP0006	SW8270	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.37	mg/kg	U	N	Y	U	U			
1,2-DICHLOROBENZENE	.37	mg/kg	U					N	Y	U	U					D990JS	04:56	
1,3-DICHLOROBENZENE	.37	mg/kg	U					N	Y	U	U					D990JS	04:56	
1,4-DICHLOROBENZENE	.37	mg/kg	U					N	Y	U	U					D990JS	04:56	
2,2'-OXYBIS(1-CHLOROPROPANE)	.37	mg/kg	U					N	Y	U	U					D990JS	04:56	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 16 of 53

Sample Number:	Analytical/Extraction		Fit	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:											Qlfr	Code:	1	2	3	4		
CK208001																			
RP0006	SW8270	SW3550	N	0	1	2,4,5-TRICHLOROPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2,4,6-TRICHLOROPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2,4-DICHLOROPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2,4-DIMETHYLPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2,4-DINITROPHENOL	1.8	mg/kg	U	N	Y	U	UJ		05B			D990JS	04:56
						2,4-DINITROTOLUENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2,6-DINITROTOLUENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2-CHLORONAPHTHALENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2-CHLOROPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2-METHYLNAPHTHALENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						2-NITROANILINE	1.8	mg/kg	U	N	Y	U	U					D990JS	04:56
						2-NITROPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						3,3'-DICHLOROBENZIDINE	1.8	mg/kg	U	N	Y	U	U					D990JS	04:56
						3-NITROANILINE	1.8	mg/kg	U	N	Y	U	U					D990JS	04:56
						4,6-DINITRO-2-METHYLPHENOL	1.8	mg/kg	U	N	Y	U	U					D990JS	04:56
						4-BROMOPHENYL PHENYL ETHER	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						4-CHLORO-3-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						4-CHLOROANILINE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						4-CHLOROPHENYL PHENYL ETHER	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						4-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						4-NITROANILINE	1.8	mg/kg	U	N	Y	U	U					D990JS	04:56
						4-NITROPHENOL	1.8	mg/kg	U	N	Y	U	U					D990JS	04:56
						ACENAPHTHENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						ACENAPHTHYLENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						ANTHRACENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						BENZ(A)ANTHRACENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						BENZO(A)PYRENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						BENZO(B)FLUORANTHENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						BENZO(GH)PERYLENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						BENZO(K)FLUORANTHENE	.37	mg/kg	U	N	Y	U	UJ		05B			D990JS	04:56
						BIS(2-CHLOROETHOXY)METHANE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						BIS(2-CHLOROETHYL) ETHER	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						BIS(2-ETHYLHEXYL) PHTHALATE	.073	mg/kg	J B	Y	Y	F	B		06A	15		D990JS	04:56
						BUTYL BENZYL PHTHALATE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						CARBAZOLE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						CHRYSENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						DI-N-BUTYL PHTHALATE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						DI-N-OCTYL PHTHALATE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56
						DIBENZ(A,H)ANTHRACENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 17 of 53

Sample Number:	Analytical/Extraction		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis
	Method:										Qlfr	Code:	1	2	3	4		Time:
CK208001																		
RP0006	SW8270	SW3550	N 0 1	DIBENZOFURAN	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				DIETHYL PHTHALATE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				DIMETHYL PHTHALATE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				FLUORANTHENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				FLUORENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				HEXACHLOROBENZENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				HEXACHLOROBUTADIENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				HEXACHLOROCYCLOPENTADIENE	1.8	mg/kg	U	N	Y	U	U					D990JS	04:56	
				HEXACHLOROETHANE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				INDENO(1,2,3-CD)PYRENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				ISOPHORONE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				N-NITROSODI-N-PROPYLAMINE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				N-NITROSODIPHENYLAMINE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				NAPHTHALENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				NITROBENZENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				PENTACHLOROPHENOL	1.8	mg/kg	U	N	Y	U	U					D990JS	04:56	
				PHENANTHRENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				PHENOL	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				PYRENE	.37	mg/kg	U	N	Y	U	U					D990JS	04:56	
				RP0007	SW8270	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U			
1,2-DICHLOROBENZENE	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
1,3-DICHLOROBENZENE	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
1,4-DICHLOROBENZENE	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2,2'-OXYBIS(1-CHLOROPROPANE)	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2,4,5-TRICHLOROPHENOL	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2,4,6-TRICHLOROPHENOL	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2,4-DICHLOROPHENOL	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2,4-DIMETHYLPHENOL	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2,4-DINITROPHENOL	1.9	mg/kg	U					N	Y	U	UJ			05B		D99PGS	02:16	
2,4-DINITROTOLUENE	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2,6-DINITROTOLUENE	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2-CHLORONAPHTHALENE	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2-CHLOROPHENOL	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2-METHYLNAPHTHALENE	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2-METHYLPHENOL	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2-NITROANILINE	1.9	mg/kg	U					N	Y	U	U					D99PGS	02:16	
2-NITROPHENOL	.39	mg/kg	U					N	Y	U	U					D99PGS	02:16	
3,3'-DICHLOROBENZIDINE	1.9	mg/kg	U					N	Y	U	U					D99PGS	02:16	
3-NITROANILINE	1.9	mg/kg	U					N	Y	U	U					D99PGS	02:16	
4,6-DINITRO-2-METHYLPHENOL	1.9	mg/kg	U					N	Y	U	U					D99PGS	02:16	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 18 of 53

Sample Number:	Analytical/Extraction		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:										Qlfr	Code:	1	2	3	4		
CK208001																		
RP0007	SW8270	SW3550	N 0 1	4-BROMOPHENYL PHENYL ETHER	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				4-CHLORO-3-METHYLPHENOL	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				4-CHLOROANILINE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				4-CHLOROPHENYL PHENYL ETHER	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				4-METHYLPHENOL	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				4-NITROANILINE	1.9	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				4-NITROPHENOL	1.9	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				ACENAPHTHENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				ACENAPHTHYLENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				ANTHRACENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				BENZ(A)ANTHRACENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				BENZO(A)PYRENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				BENZO(B)FLUORANTHENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				BENZO(GHI)PERYLENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				BENZO(K)FLUORANTHENE	.39	mg/kg	U	N	Y	U	UJ		05B			D99PGS	02:16	
				BIS(2-CHLOROETHOXY)METHANE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				BIS(2-CHLOROETHYL) ETHER	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				BIS(2-ETHYLHEXYL) PHTHALATE	.089	mg/kg	J B	Y	Y	F	B		06A	15		D99PGS	02:16	
				BUTYL BENZYL PHTHALATE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				CARBAZOLE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				CHRYSENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				DI-N-BUTYL PHTHALATE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				DI-N-OCTYL PHTHALATE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				DIBENZ(A,H)ANTHRACENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				DIBENZOFURAN	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				DIETHYL PHTHALATE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				DIMETHYL PHTHALATE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				FLUORANTHENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				FLUORENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				HEXACHLOROBENZENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				HEXACHLOROBUTADIENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				HEXACHLOROCYCLOPENTADIENE	1.9	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				HEXACHLOROETHANE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				INDENO(1,2,3-CD)PYRENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				ISOPHORONE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				N-NITROSODI-N-PROPYLAMINE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				N-NITROSODIPHENYLAMINE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				NAPHTHALENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				NITROBENZENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16	
				PENTACHLOROPHENOL	1.9	mg/kg	U	N	Y	U	U					D99PGS	02:16	



## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 20 of 53

Sample Number:	Analytical/Extraction		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:												Qlfr	Code:	1	2	3	4		
CK208001																				
RP0008	SW8270	SW3550	N	0	1	BIS(2-CHLOROETHYL) ETHER	.42	mg/kg	U	N	Y	U	U						D99PHS	02:39
						BIS(2-ETHYLHEXYL) PHTHALATE	.096	mg/kg	J B	Y	Y	F	B	06A	15			D99PHS	02:39	
						BUTYL BENZYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						CARBAZOLE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						CHRYSENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						DI-N-BUTYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						DI-N-OCTYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						DIBENZ(A,H)ANTHRACENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						DIBENZOFURAN	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						DIETHYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						DIMETHYL PHTHALATE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						FLUORANTHENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						FLUORENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						HEXACHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						HEXACHLOROBUTADIENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						HEXACHLOROCYCLOPENTADIENE	2	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						HEXACHLOROETHANE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						INDENO(1,2,3-CD)PYRENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						ISOPHORONE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						N-NITROSODI-N-PROPYLAMINE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						N-NITROSODIPHENYLAMINE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						NAPHTHALENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						NITROBENZENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						PENTACHLOROPHENOL	2	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						PHENANTHRENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						PHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
						PYRENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39	
RP0001	SW8260	SW5030	N	0	1	1,1,1,2-TETRACHLOROETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,1,1-TRICHLOROETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,1,2,2-TETRACHLOROETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,1,2-TRICHLOROETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,1-DICHLOROETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,1-DICHLOROETHENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,1-DICHLOROPROPENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,2,3-TRICHLOROBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,2,3-TRICHLOROPROPANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,2,4-TRICHLOROBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,2,4-TRIMETHYLBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,2-DIBROMO-3-CHLOROPROPANE	.016	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
						1,2-DIBROMOETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 19 of 53

Sample Number:	Analytical/Extraction		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:											Qlfr	Code:	1	2	3	4		
CK208001																			
RP0007	SW8270	SW3550	N	0	1	PHENANTHRENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16
						PHENOL	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16
						PYRENE	.39	mg/kg	U	N	Y	U	U					D99PGS	02:16
RP0008	SW8270	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						1,2-DICHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						1,3-DICHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						1,4-DICHLOROBENZENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2,2'-OXYBIS(1-CHLOROPROPANE)	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2,4,5-TRICHLOROPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2,4,6-TRICHLOROPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2,4-DICHLOROPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2,4-DIMETHYLPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2,4-DINITROPHENOL	2	mg/kg	U	N	Y	U	UJ			05B		D99PHS	02:39
						2,4-DINITROTOLUENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2,6-DINITROTOLUENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2-CHLORONAPHTHALENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2-CHLOROPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2-METHYLNAPHTHALENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2-METHYLPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2-NITROANILINE	2	mg/kg	U	N	Y	U	U					D99PHS	02:39
						2-NITROPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						3,3'-DICHLOROBENZIDINE	2	mg/kg	U	N	Y	U	U					D99PHS	02:39
						3-NITROANILINE	2	mg/kg	U	N	Y	U	U					D99PHS	02:39
						4,6-DINITRO-2-METHYLPHENOL	2	mg/kg	U	N	Y	U	U					D99PHS	02:39
						4-BROMOPHENYL PHENYL ETHER	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						4-CHLORO-3-METHYLPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						4-CHLOROANILINE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						4-CHLOROPHENYL PHENYL ETHER	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						4-METHYLPHENOL	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						4-NITROANILINE	2	mg/kg	U	N	Y	U	U					D99PHS	02:39
						4-NITROPHENOL	2	mg/kg	U	N	Y	U	U					D99PHS	02:39
						ACENAPHTHENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						ACENAPHTHYLENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						ANTHRACENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						BENZ(A)ANTHRACENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						BENZO(A)PYRENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						BENZO(B)FLUORANTHENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						BENZO(GH)PERYLENE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39
						BENZO(K)FLUORANTHENE	.42	mg/kg	U	N	Y	U	UJ				05B	D99PHS	02:39
						BIS(2-CHLOROETHOXY)METHANE	.42	mg/kg	U	N	Y	U	U					D99PHS	02:39

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 21 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
											Qlfr	Code:	1	2	3	4		
CK208001																		
RP0001	SW8260	SW5030	N 0 1	1,2-DICHLOROBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				1,2-DICHLOROETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				1,2-DICHLOROPROPANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				1,3,5-TRIMETHYLBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				1,3-DICHLOROBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				1,3-DICHLOROPROPANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				1,4-DICHLOROBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				2,2-DICHLOROPROPANE	.0079	mg/kg	U	N	Y	U	UJ	02A	05B			D99P3S	15:34	
				2-BUTANONE	.032	mg/kg	U	N	Y	U	UJ	02A	05B			D99P3S	15:34	
				2-CHLOROTOLUENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				2-HEXANONE	.032	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				4-CHLOROTOLUENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				4-METHYL-2-PENTANONE	.032	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				ACETONE	.054	mg/kg		Y	Y	P	J	02A	05B			D99P3S	15:34	
				BENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				BROMOBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				BROMOCHLOROMETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				BROMODICHLOROMETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				BROMOFORM	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				BROMOMETHANE	.016	mg/kg	U	N	Y	U	R	02A	04A	05B		D99P3S	15:34	
				CARBON DISULFIDE	.0079	mg/kg	U	N	Y	U	UJ	02A	05B			D99P3S	15:34	
				CARBON TETRACHLORIDE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				CHLOROBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				CHLORODIBROMOMETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				CHLOROETHANE	.016	mg/kg	U	N	Y	U	UJ	02A	05B			D99P3S	15:34	
				CHLOROFORM	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				CHLOROMETHANE	.016	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				CIS-1,2-DICHLOROETHENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				CIS-1,3-DICHLOROPROPENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				DIBROMOMETHANE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				DICHLORODIFLUOROMETHANE	.016	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				ETHYLBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				HEXACHLOROBUTADIENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				ISOPROPYLBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				M-XYLENE & P-XYLENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				METHYLENE CHLORIDE	.004	mg/kg	J B	Y	Y	F	B	02A	06A	15		D99P3S	15:34	
				N-BUTYLBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				N-PROPYLBENZENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				NAPHTHALENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	
				O-XYLENE	.0079	mg/kg	U	N	Y	U	UJ	02A				D99P3S	15:34	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 22 of 53

Sample Number:	Analytical/Extraction		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:										Qlfr	Code:	1	2	3	4		
CK208001																		
RP0001	SW8260	SW5030	N 0 1	P-ISOPROPYLTOLUENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				SEC-BUTYLBENZENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				STYRENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				TERT-BUTYLBENZENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				TETRACHLOROETHENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				TOLUENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				TRANS-1,2-DICHLOROETHENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				TRANS-1,3-DICHLOROPROPENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				TRICHLOROETHENE	.0079	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				TRICHLOROFLUOROMETHANE	.016	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
				VINYL CHLORIDE	.016	mg/kg	U	N	Y	U	UJ		02A			D99P3S	15:34	
RP0002	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,1,1-TRICHLOROETHANE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,1,2,2-TETRACHLOROETHANE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,1,2-TRICHLOROETHANE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,1-DICHLOROETHANE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,1-DICHLOROETHENE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,1-DICHLOROPROPENE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,2,3-TRICHLOROBENZENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,2,3-TRICHLOROPROPANE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,2,4-TRICHLOROBENZENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,2,4-TRIMETHYLBENZENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,2-DIBROMO-3-CHLOROPROPANE	.013	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,2-DIBROMOETHANE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,2-DICHLOROBENZENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,2-DICHLOROETHANE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,2-DICHLOROPROPANE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,3,5-TRIMETHYLBENZENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,3-DICHLOROBENZENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				1,3-DICHLOROPROPANE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				1,4-DICHLOROBENZENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				2,2-DICHLOROPROPANE	.0064	mg/kg	U	N	Y		UJ		05B			D990ES	20:44	
				2-BUTANONE	.026	mg/kg	U	N	Y		U					D990ES	20:44	
				2-CHLOROTOLUENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				2-HEXANONE	.026	mg/kg	U	N	Y		U					D990ES	20:44	
				4-CHLOROTOLUENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	
				4-METHYL-2-PENTANONE	.026	mg/kg	U	N	Y		U					D990ES	20:44	
				ACETONE	.026	mg/kg	U	N	Y		UJ		05B			D990ES	20:44	
				BENZENE	.0064	mg/kg	U	N	Y		U					D990ES	20:44	
				BROMOBENZENE	.0064	mg/kg	U	N	Y		UJ		10A			D990ES	20:44	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 23 of 53

Sample Number:	Analytical/Extraction		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:									Qlfr	Code:	1	2	3	4		
CK208001																	
RP0002	SW8260	SW5030	N 0 1	BROMOCHLOROMETHANE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				BROMODICHLOROMETHANE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				BROMOFORM	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				BROMOMETHANE	.013	mg/kg	U	N	Y	R		04A	05B			D990ES	20:44
				CARBON DISULFIDE	.0064	mg/kg	U	N	Y	UJ		05B				D990ES	20:44
				CARBON TETRACHLORIDE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				CHLOROBENZENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				CHLORODIBROMOMETHANE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				CHLOROETHANE	.013	mg/kg	U	N	Y	UJ		05B				D990ES	20:44
				CHLOROFORM	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				CHLOROMETHANE	.013	mg/kg	U	N	Y	U						D990ES	20:44
				CIS-1,2-DICHLOROETHENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				CIS-1,3-DICHLOROPROPENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				DIBROMOMETHANE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				DICHLORODIFLUOROMETHANE	.013	mg/kg	U	N	Y	U						D990ES	20:44
				ETHYLBENZENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				HEXACHLOROBUTADIENE	.0064	mg/kg	U	N	Y	UJ		10A				D990ES	20:44
				ISOPROPYLBENZENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				M-XYLENE & P-XYLENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				METHYLENE CHLORIDE	.0046	mg/kg	J B	Y	Y	B		06A	15			D990ES	20:44
				N-BUTYLBENZENE	.0064	mg/kg	U	N	Y	UJ		10A				D990ES	20:44
				N-PROPYLBENZENE	.0064	mg/kg	U	N	Y	UJ		10A				D990ES	20:44
				NAPHTHALENE	.0064	mg/kg	U	N	Y	UJ		10A				D990ES	20:44
				O-XYLENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				P-ISOPROPYLTOLUENE	.0064	mg/kg	U	N	Y	UJ		10A				D990ES	20:44
				SEC-BUTYLBENZENE	.0064	mg/kg	U	N	Y	UJ		10A				D990ES	20:44
				STYRENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				TERT-BUTYLBENZENE	.0064	mg/kg	U	N	Y	UJ		10A				D990ES	20:44
				TETRACHLOROETHENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				TOLUENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				TRANS-1,2-DICHLOROETHENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				TRANS-1,3-DICHLOROPROPENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				TRICHLOROETHENE	.0064	mg/kg	U	N	Y	U						D990ES	20:44
				TRICHLOROFLUOROMETHANE	.013	mg/kg	U	N	Y	U						D990ES	20:44
				VINYL CHLORIDE	.013	mg/kg	U	N	Y	U						D990ES	20:44
RP0004	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
				1,1,1-TRICHLOROETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
				1,1,2,2-TETRACHLOROETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
				1,1,2-TRICHLOROETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
				1,1-DICHLOROETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 24 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
												Qlfr	Code:	1	2	3	4		
CK208001																			
RP0004	SW8260	SW5030	N	0	1	1,1-DICHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,1-DICHLOROPROPENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2,3-TRICHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2,3-TRICHLOROPROPANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2,4-TRICHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2,4-TRIMETHYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2-DIBROMO-3-CHLOROPROPANE	.012	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2-DIBROMOETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2-DICHLOROETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,2-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,3,5-TRIMETHYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,3-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,3-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						1,4-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						2,2-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	UJ	02A	05B		D99PES	17:44	
						2-BUTANONE	.024	mg/kg	U	N	Y	U	UJ	02A	05B		D99PES	17:44	
						2-CHLOROTOLUENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						2-HEXANONE	.024	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						4-CHLOROTOLUENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						4-METHYL-2-PENTANONE	.024	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						ACETONE	.013	mg/kg	J	Y	Y	P	J	02A	05B	15	D99PES	17:44	
						BENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						BROMOBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						BROMOCHLOROMETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						BROMODICHLOROMETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						BROMOFORM	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						BROMOMETHANE	.012	mg/kg	U	N	Y	U	R	02A	04A	05B	D99PES	17:44	
						CARBON DISULFIDE	.006	mg/kg	U	N	Y	U	UJ	02A	05B		D99PES	17:44	
						CARBON TETRACHLORIDE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						CHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						CHLORODIBROMOMETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						CHLOROETHANE	.012	mg/kg	U	N	Y	U	UJ	02A	05B		D99PES	17:44	
						CHLOROFORM	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						CHLOROMETHANE	.012	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						CIS-1,2-DICHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						CIS-1,3-DICHLOROPROPENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						DIBROMOMETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						DICHLORODIFLUOROMETHANE	.012	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	
						ETHYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PES	17:44	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 25 of 53

Sample Number:	Analytical/Extraction		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:			
	Method:										Qlfr	Code:	1	2	3	4					
CK208001																					
RP0004	SW8260	SW5030	N 0 1	HEXACHLOROBUTADIENE	.006	mg/kg	U	N	Y	U	UJ		02A			D99PES	17:44				
				ISOPROPYLBENZENE	.006	mg/kg	U	N	Y	U	UJ		02A			D99PES	17:44				
				M-XYLENE & P-XYLENE	.006	mg/kg	U	N	Y	U	UJ		02A			D99PES	17:44				
				METHYLENE CHLORIDE	.0024	mg/kg	J B	Y	Y	F	B		02A	06A	15		D99PES	17:44			
				N-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				N-PROPYLBENZENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				NAPHTHALENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				O-XYLENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				P-ISOPROPYLTOLUENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				SEC-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				STYRENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				TERT-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				TETRACHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				TOLUENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				TRANS-1,2-DICHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				TRANS-1,3-DICHLOROPROPENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				TRICHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				TRICHLOROFLUOROMETHANE	.012	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				VINYL CHLORIDE	.012	mg/kg	U	N	Y	U	UJ		02A				D99PES	17:44			
				RP0005	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
								1,1,1-TRICHLOROETHANE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
1,1,2,2-TETRACHLOROETHANE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,1,2-TRICHLOROETHANE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,1-DICHLOROETHANE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,1-DICHLOROETHENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,1-DICHLOROPROPENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2,3-TRICHLOROBENZENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2,3-TRICHLOROPROPANE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2,4-TRICHLOROBENZENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2,4-TRIMETHYLBENZENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2-DIBROMO-3-CHLOROPROPANE	.013	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2-DIBROMOETHANE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2-DICHLOROBENZENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2-DICHLOROETHANE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,2-DICHLOROPROPANE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,3,5-TRIMETHYLBENZENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,3-DICHLOROBENZENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,3-DICHLOROPROPANE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
1,4-DICHLOROBENZENE	.0063	mg/kg	U					N	Y	U	U					D990HS	21:10				
2,2-DICHLOROPROPANE	.0063	mg/kg	U					N	Y	U	UJ		05B			D990HS	21:10				

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 26 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
												Qlfr	Code:	1	2	3	4		
CK208001																			
RP0005	SW8260	SW5030	N	0	1	2-BUTANONE	.025	mg/kg	U	N	Y	U	U					D990HS	21:10
						2-CHLOROTOLUENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						2-HEXANONE	.025	mg/kg	U	N	Y	U	U					D990HS	21:10
						4-CHLOROTOLUENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						4-METHYL-2-PENTANONE	.025	mg/kg	U	N	Y	U	U					D990HS	21:10
						ACETONE	.0092	mg/kg	J	Y	Y	F	B	05B	06C	15		D990HS	21:10
						BENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						BROMOBENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						BROMOCHLOROMETHANE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						BROMODICHLOROMETHANE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						BROMOFORM	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						BROMOMETHANE	.013	mg/kg	U	N	Y	U	R	04A	05B			D990HS	21:10
						CARBON DISULFIDE	.0063	mg/kg	U	N	Y	U	UJ	05B				D990HS	21:10
						CARBON TETRACHLORIDE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						CHLOROBENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						CHLORODIBROMOMETHANE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						CHLOROETHANE	.013	mg/kg	U	N	Y	U	UJ	05B				D990HS	21:10
						CHLOROFORM	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						CHLOROMETHANE	.013	mg/kg	U	N	Y	U	U					D990HS	21:10
						CIS-1,2-DICHLOROETHENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						CIS-1,3-DICHLOROPROPENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						DIBROMOMETHANE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						DICHLORODIFLUOROMETHANE	.013	mg/kg	U	N	Y	U	U					D990HS	21:10
						ETHYLBENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						HEXACHLOROBUTADIENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						ISOPROPYLBENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						M-XYLENE & P-XYLENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						METHYLENE CHLORIDE	.0046	mg/kg	J B	Y	Y	F	B	06A	15			D990HS	21:10
						N-BUTYLBENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						N-PROPYLBENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						NAPHTHALENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						O-XYLENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						P-ISOPROPYLTOLUENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						SEC-BUTYLBENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						STYRENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						TERT-BUTYLBENZENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						TETRACHLOROETHENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						TOLUENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						TRANS-1,2-DICHLOROETHENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10
						TRANS-1,3-DICHLOROPROPENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10



## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 27 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Qlfr	Code:									1	2	3	4				
CK208001																		
RP0005	SW8260	SW5030	N 0 1	TRICHLOROETHENE	.0063	mg/kg	U	N	Y	U	U					D990HS	21:10	
				TRICHLOROFLUOROMETHANE	.013	mg/kg	U	N	Y	U	U					D990HS	21:10	
				VINYL CHLORIDE	.013	mg/kg	U	N	Y	U	U					D990HS	21:10	
RP0006	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,1,1-TRICHLOROETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,1,2,2-TETRACHLOROETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,1,2-TRICHLOROETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,1-DICHLOROETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,1-DICHLOROETHENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,1-DICHLOROPROPENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2,3-TRICHLOROBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2,3-TRICHLOROPROPANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2,4-TRICHLOROBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2,4-TRIMETHYLBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2-DIBROMO-3-CHLOROPROPANE	.011	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2-DIBROMOETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2-DICHLOROBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2-DICHLOROETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,2-DICHLOROPROPANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,3,5-TRIMETHYLBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,3-DICHLOROBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,3-DICHLOROPROPANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				1,4-DICHLOROBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				2,2-DICHLOROPROPANE	.0055	mg/kg	U	N	Y	U	UJ				05B	D990JS	21:36	
				2-BUTANONE	.022	mg/kg	U	N	Y	U	U					D990JS	21:36	
				2-CHLOROTOLUENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				2-HEXANONE	.022	mg/kg	U	N	Y	U	U					D990JS	21:36	
				4-CHLOROTOLUENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				4-METHYL-2-PENTANONE	.022	mg/kg	U	N	Y	U	U					D990JS	21:36	
				ACETONE	.022	mg/kg	U	N	Y	U	UJ					05B	D990JS	21:36
				BENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				BROMOBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				BROMOCHLOROMETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				BROMODICHLOROMETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				BROMOFORM	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				BROMOMETHANE	.011	mg/kg	U	N	Y	U	R				04A 05B	D990JS	21:36	
				CARBON DISULFIDE	.0055	mg/kg	U	N	Y	U	UJ				05B	D990JS	21:36	
				CARBON TETRACHLORIDE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				CHLOROBENZENE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	
				CHLORODIBROMOMETHANE	.0055	mg/kg	U	N	Y	U	U					D990JS	21:36	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 28 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
<b>CK208001</b>																
RP0006	SW8260	SW5030	N 0 1	CHLOROETHANE	.011	mg/kg	U	N Y U	UJ		05B				D990JS	21:36
				CHLOROFORM	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				CHLOROMETHANE	.011	mg/kg	U	N Y U	U						D990JS	21:36
				CIS-1,2-DICHLOROETHENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				CIS-1,3-DICHLOROPROPENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				DIBROMOMETHANE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				DICHLORODIFLUOROMETHANE	.011	mg/kg	U	N Y U	U						D990JS	21:36
				ETHYLBENZENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				HEXACHLOROBUTADIENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				ISOPROPYLBENZENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				M-XYLENE & P-XYLENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				METHYLENE CHLORIDE	.0048	mg/kg	J B	Y Y F	B		06A 15				D990JS	21:36
				N-BUTYLBENZENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				N-PROPYLBENZENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				NAPHTHALENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				O-XYLENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				P-ISOPROPYLTOLUENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				SEC-BUTYLBENZENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				STYRENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				TERT-BUTYLBENZENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				TETRACHLOROETHENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				TOLUENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				TRANS-1,2-DICHLOROETHENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				TRANS-1,3-DICHLOROPROPENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				TRICHLOROETHENE	.0055	mg/kg	U	N Y U	U						D990JS	21:36
				TRICHLOROFLUOROMETHANE	.011	mg/kg	U	N Y U	U						D990JS	21:36
				VINYL CHLORIDE	.011	mg/kg	U	N Y U	U						D990JS	21:36
RP0007	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,1,1-TRICHLOROETHANE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,1,2,2-TETRACHLOROETHANE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,1,2-TRICHLOROETHANE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,1-DICHLOROETHANE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,1-DICHLOROETHENE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,1-DICHLOROPROPENE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,2,3-TRICHLOROBENZENE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,2,3-TRICHLOROPROPANE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,2,4-TRICHLOROBENZENE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,2,4-TRIMETHYLBENZENE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,2-DIBROMO-3-CHLOROPROPANE	.012	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10
				1,2-DIBROMOETHANE	.006	mg/kg	U	N Y U	UJ		02A				D99PGS	18:10

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 29 of 53

Sample Number:	Analytical/Extraction		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:									Qlfr	Code:	1	2	3	4		
CK208001																	
RP0007	SW8260	SW5030	N 0 1	1,2-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				1,2-DICHLOROETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				1,2-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				1,3,5-TRIMETHYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				1,3-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				1,3-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				1,4-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				2,2-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	UJ	02A	05B		D99PGS	18:10	
				2-BUTANONE	.024	mg/kg	U	N	Y	U	UJ	02A	05B		D99PGS	18:10	
				2-CHLOROTOLUENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				2-HEXANONE	.024	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				4-CHLOROTOLUENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				4-METHYL-2-PENTANONE	.024	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				ACETONE	.021	mg/kg	J	Y	Y	P	J	02A	05B	15	D99PGS	18:10	
				BENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				BROMOBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				BROMOCHLOROMETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				BROMODICHLOROMETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				BROMOFORM	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				BROMOMETHANE	.012	mg/kg	U	N	Y	U	R	02A	04A	05B	D99PGS	18:10	
				CARBON DISULFIDE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				CARBON TETRACHLORIDE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				CHLOROBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				CHLORODIBROMOMETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				CHLOROETHANE	.012	mg/kg	U	N	Y	U	UJ	02A	05B		D99PGS	18:10	
				CHLOROFORM	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				CHLOROMETHANE	.012	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				CIS-1,2-DICHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				CIS-1,3-DICHLOROPROPENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				DIBROMOMETHANE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				DICHLORODIFLUOROMETHANE	.012	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				ETHYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				HEXACHLOROBUTADIENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				ISOPROPYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				M-XYLENE & P-XYLENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				METHYLENE CHLORIDE	.0035	mg/kg	J B	Y	Y	F	B	02A	06A	15	D99PGS	18:10	
				N-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				N-PROPYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				NAPHTHALENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	
				O-XYLENE	.006	mg/kg	U	N	Y	U	UJ	02A			D99PGS	18:10	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 30 of 53

Sample Number:	Analytical/Extraction			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX Dil:								Qlfr	Code:	1	2	3	4		
CK208001																		
RP0007	SW8260	SW5030	N 0 1	P-ISOPROPYLTOLUENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				SEC-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				STYRENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				TERT-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				TETRACHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				TOLUENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				TRANS-1,2-DICHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				TRANS-1,3-DICHLOROPROPENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				TRICHLOROETHENE	.006	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				TRICHLOROFLUOROMETHANE	.012	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
				VINYL CHLORIDE	.012	mg/kg	U	N	Y	U	UJ	02A				D99PGS	18:10	
RP0008	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,1,1-TRICHLOROETHANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,1,2,2-TETRACHLOROETHANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,1,2-TRICHLOROETHANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,1-DICHLOROETHANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,1-DICHLOROETHENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,1-DICHLOROPROPENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2,3-TRICHLOROBENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2,3-TRICHLOROPROPANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2,4-TRICHLOROBENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2,4-TRIMETHYLBENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2-DIBROMO-3-CHLOROPROPANE	.013	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2-DIBROMOETHANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2-DICHLOROBENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2-DICHLOROETHANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,2-DICHLOROPROPANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,3,5-TRIMETHYLBENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,3-DICHLOROBENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,3-DICHLOROPROPANE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				1,4-DICHLOROBENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				2,2-DICHLOROPROPANE	.0063	mg/kg	U	N	Y	U	UJ	02A	05B			D99PHS	18:36	
				2-BUTANONE	.025	mg/kg	U	N	Y	U	UJ	02A	05B			D99PHS	18:36	
				2-CHLOROTOLUENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				2-HEXANONE	.025	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				4-CHLOROTOLUENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				4-METHYL-2-PENTANONE	.025	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				ACETONE	.025	mg/kg	U	N	Y	U	UJ	02A	05B			D99PHS	18:36	
				BENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	
				BROMOBENZENE	.0063	mg/kg	U	N	Y	U	UJ	02A				D99PHS	18:36	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 31 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
<b>CK208001</b>																
RP0008	SW8260	SW5030	N 0 1	BROMOCHLOROMETHANE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				BROMODICHLOROMETHANE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				BROMOFORM	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				BROMOMETHANE	.013	mg/kg	U	N Y U	R	02A	04A	05B			D99PHS	18:36
				CARBON DISULFIDE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				CARBON TETRACHLORIDE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				CHLOROBENZENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				CHLORODIBROMOMETHANE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				CHLOROETHANE	.013	mg/kg	U	N Y U	UJ	02A	05B				D99PHS	18:36
				CHLOROFORM	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				CHLOROMETHANE	.013	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				CIS-1,2-DICHLOROETHENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				CIS-1,3-DICHLOROPROPENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				DIBROMOMETHANE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				DICHLORODIFLUOROMETHANE	.013	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				ETHYLBENZENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				HEXACHLOROBUTADIENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				ISOPROPYLBENZENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				M-XYLENE & P-XYLENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				METHYLENE CHLORIDE	.0034	mg/kg	J B	Y Y F	B	02A	06A	15			D99PHS	18:36
				N-BUTYLBENZENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				N-PROPYLBENZENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				NAPHTHALENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				O-XYLENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				P-ISOPROPYLTOLUENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				SEC-BUTYLBENZENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				STYRENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				TERT-BUTYLBENZENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				TETRACHLOROETHENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				TOLUENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				TRANS-1,2-DICHLOROETHENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				TRANS-1,3-DICHLOROPROPENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				TRICHLOROETHENE	.0063	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				TRICHLOROFLUOROMETHANE	.013	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
				VINYL CHLORIDE	.013	mg/kg	U	N Y U	UJ	02A					D99PHS	18:36
<b>CK208002</b>																
RP2001	SW8321	NONE	N 0 1	DIMP	.01	mg/L	U	N Y U	U						D9FFLW	16:01
				DMMP	.01	mg/L	U	N Y U	U						D9FFLW	16:01
				EMPA	.01	mg/L	U	N Y U	U						D9FFLW	16:01
				IMPA	.05	mg/L	U	N Y U	U						D9FFLW	16:01

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 32 of 53

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Qlfr	Code:	1								2	3	4					
CK208002																		
RP2001	SW8321	NONE	N 0 1	MPA	1	mg/L	U	N	N	U	R		16			D9FFLW	16:01	
				MPA	1	mg/L	U	N	Y	U	U			D9FFL-1-05	00:00			
				THIODIGLYCOL	.01	mg/L	U	N	Y	U	UJ		05B		D9FFLW	16:01		
RP2001	SW6010	TOTREC	N 0 1	ALUMINUM	.225	mg/L		Y	Y	F	B		06A	06B		D9FFLW	16:55	
				ANTIMONY	.06	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				ARSENIC	.01	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				BARIUM	.0196	mg/L	B	Y	Y	P	J		15		D9FFLW	16:55		
				BERYLLIUM	.005	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				CADMIUM	.005	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				CALCIUM	11.1	mg/L		Y	Y	P				D9FFLW	16:55			
				CHROMIUM	.01	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				COBALT	.05	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				COPPER	.025	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				IRON	.492	mg/L		Y	Y	P				D9FFLW	16:55			
				LEAD	.003	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				MAGNESIUM	5.79	mg/L		Y	Y	P				D9FFLW	16:55			
				MANGANESE	.0829	mg/L		Y	Y	P				D9FFLW	16:55			
				NICKEL	.04	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				POTASSIUM	.508	mg/L	B	Y	Y	P	J		15		D9FFLW	16:55		
				SELENIUM	.005	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				SILVER	.01	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				SODIUM	.697	mg/L	B	Y	Y	P	J		15		D9FFLW	16:55		
				THALLIUM	.01	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				VANADIUM	.05	mg/L	U	N	Y	U	U			D9FFLW	16:55			
				ZINC	.0045	mg/L	B	Y	Y	P	J		15		D9FFLW	16:55		
	SW7470	TOTAL	N 0 1	MERCURY	.0002	mg/L	U	N	Y	U	U					D9FFLW	16:34	
RP2001	SW8330	METHOD	N 0 1	1,3,5-TRINITROBENZENE	.0002	mg/L	U	N	Y	U	U					D9FFLW	20:52	
				1,3-DINITROBENZENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				2,4,6-TRINITROTOLUENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				2,4-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				2-AMINO-4,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				2-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				3-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				4-AMINO-2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				4-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				HMX	.0005	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				NITROBENZENE	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				RDX	.0005	mg/L	U	N	Y	U	U			D9FFLW	20:52			
				TETRYL	.0002	mg/L	U	N	Y	U	U			D9FFLW	20:52			

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 33 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
													Qlfr	Code:	1	2	3	4		
CK208002																				
RP2001	SW8270	SW3510	N	1	1	1,4-DITHIANE	.005	mg/L	U	N	Y	U	U						D9FFLW	12:16
						1,4-OXATHIANE	.005	mg/L	U	N	Y	U	U						D9FFLW	12:16
						P-CHLOROPHENYLMETHYLSULFONE	.01	mg/L	U	N	Y	U	U						D9FFLW	12:16
						P-CHLOROPHENYLMETHYLSULFOXIDE	.01	mg/L	U	N	Y	U	U						D9FFLW	12:16
RP2001	SW8270	SW3520	N	0	1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						1,2-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						1,3-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						1,4-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2,2'-OXYBIS(1-CHLOROPROPANE)	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2,4,6-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2,4-DICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2,4-DIMETHYLPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2,4-DINITROPHENOL	.05	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2,4-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2,6-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2-CHLORONAPHTHALENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2-CHLOROPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2-METHYLNAPHTHALENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2-NITROANILINE	.05	mg/L	U	N	Y	U	U						D9FFLW	03:40
						2-NITROPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						3,3'-DICHLOROBENZIDINE	.05	mg/L	U	N	Y	U	U						D9FFLW	03:40
						3-NITROANILINE	.05	mg/L	U	N	Y	U	U						D9FFLW	03:40
						4,6-DINITRO-2-METHYLPHENOL	.05	mg/L	U	N	Y	U	U						D9FFLW	03:40
						4-BROMOPHENYL PHENYL ETHER	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						4-CHLOROANILINE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						4-CHLOROPHENYL PHENYL ETHER	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						4-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						4-NITROANILINE	.05	mg/L	U	N	Y	U	U						D9FFLW	03:40
						4-NITROPHENOL	.05	mg/L	U	N	Y	U	U						D9FFLW	03:40
						ACENAPHTHENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						ACENAPHTHYLENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						ANTHRACENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						BENZ(A)ANTHRACENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						BENZO(A)PYRENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						BENZO(B)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						BENZO(GHI)PERYLENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40
						BENZO(K)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						D9FFLW	03:40

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 34 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:						
												Qlfr	Code:	1	2	3	4								
CK208002																									
RP2001	SW8270	SW3520	N	0	1	BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						BIS(2-CHLOROETHYL) ETHER	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						BIS(2-ETHYLHEXYL) PHTHALATE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						BUTYL BENZYL PHTHALATE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						CARBAZOLE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						CHRYSENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						DI-N-BUTYL PHTHALATE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						DI-N-OCTYL PHTHALATE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						DIBENZ(A,H)ANTHRACENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						DIBENZOFURAN	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						DIETHYL PHTHALATE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						DIMETHYL PHTHALATE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						FLUORANTHENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						FLUORENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						HEXACHLOROBENZENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						HEXACHLOROBUTADIENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						HEXACHLOROCYCLOPENTADIENE	.05	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						HEXACHLOROETHANE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						ISOPHORONE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						N-NITROSODI-N-PROPYLAMINE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						NAPHTHALENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						NITROBENZENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						PENTACHLOROPHENOL	.05	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						PHENANTHRENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						PHENOL	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						PYRENE	.01	mg/L	U	N	Y	U	U					D9FFLW	03:40						
						RP2001	SW8260	SW5030	N	0	1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24
												1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24
												1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24
												1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24
1,1-DICHLOROETHANE	.001	mg/L	U	N	Y							U	U					D9FFLW	23:24						
1,1-DICHLOROETHENE	.001	mg/L	U	N	Y							U	U					D9FFLW	23:24						
1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y							U	U					D9FFLW	23:24						
1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y							U	U					D9FFLW	23:24						
1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y							U	U					D9FFLW	23:24						
1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y							U	U					D9FFLW	23:24						
1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y							U	U					D9FFLW	23:24						
1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y							U	R			04A	05A	D9FFLW	23:24						



## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 35 of 53

Sample Number:	Analytical/Extraction		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:										Qlfr	Code:	1	2	3	4		
CK208002																		
RP2001	SW8260	SW5030	N 0 1	1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				1,4-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	UJ		05B			D9FFLW	23:24	
				2-BUTANONE	.005	mg/L	U	N	Y	U	R		04A	05A		D9FFLW	23:24	
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				2-HEXANONE	.005	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				4-METHYL-2-PENTANONE	.005	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B	D9FFLW	23:24	
				BENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	R		04A	05A		D9FFLW	23:24	
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				BROMOFORM	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				BROMOMETHANE	.002	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CHLORODIBROMOMETHANE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CHLOROETHANE	.002	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CHLOROFORM	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CHLOROMETHANE	.002	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	R		04A	05A		D9FFLW	23:24	
				DICHLORODIFLUOROMETHANE	.002	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				ISOPROPYLBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				M-XYLENE & P-XYLENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				METHYLENE CHLORIDE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U					D9FFLW	23:24	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 36 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Qlfr	Code:										1	2	3	4				
CK208002																			
RP2001	SW8260	SW5030	N	0	1	O-XYLENE	.001	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						STYRENE	.001	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						TOLUENE	.001	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	UJ	05B			D9FFLW	23:24	
						TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ	05B			D9FFLW	23:24	
						TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						TRICHLOROFLUOROMETHANE	.002	mg/L	U	N	Y	U	U				D9FFLW	23:24	
						VINYL CHLORIDE	.002	mg/L	U	N	Y	U	U				D9FFLW	23:24	
CK208003																			
RP1001	SW8321	SW3550	N	0	1	DIMP	.072	mg/kg	U	N	Y	U	U				D9FK0S	13:58	
						DMMP	.072	mg/kg	U	N	Y	U	U				D9FK0S	13:58	
						EMPA	.072	mg/kg	U	N	Y	U	U				D9FK0S	13:58	
						IMPA	.29	mg/kg	U	N	Y	U	U				D9FK0S	13:58	
						MPA	3.6	mg/kg	U	N	Y	U	U				D9FK0S	13:58	
						THIODIGLYCOL	.072	mg/kg	U	N	Y	U	U				D9FK0S	13:58	
RP1001	SW6010	SW3050	N	0	1	ALUMINUM	8000	mg/kg		Y	Y	P				D9FK0S	18:30		
						ANTIMONY	8.6	mg/kg	U	N	Y	U	UJ	08A			D9FK0S	18:30	
						ARSENIC	17.1	mg/kg		Y	Y	P					D9FK0S	18:30	
						BARIUM	56.4	mg/kg		Y	Y	P					D9FK0S	18:30	
						BERYLLIUM	0.58	mg/kg	B	Y	Y	F	B	06B	15		D9FK0S	18:30	
						CADMIUM	0.72	mg/kg	U	N	Y	U	U				D9FK0S	18:30	
						CALCIUM	926	mg/kg		Y	Y	P	J	08A	08B		D9FK0S	18:30	
						CHROMIUM	10.5	mg/kg		Y	Y	P	J	08A			D9FK0S	18:30	
						COBALT	8.7	mg/kg		Y	Y	P					D9FK0S	18:30	
						COPPER	11.7	mg/kg		Y	Y	P	J	08A	08B	13	D9FK0S	18:30	
						IRON	16500	mg/kg		Y	Y	P					D9FK0S	18:30	
						LEAD	19.7	mg/kg		Y	Y	P					D9FK0S	18:30	
						MAGNESIUM	452	mg/kg	B	Y	Y	P	J	15			D9FK0S	18:30	
						MANGANESE	474	mg/kg		Y	Y	P					D9FK0S	18:30	
						NICKEL	10	mg/kg		Y	Y	P					D9FK0S	18:30	
						POTASSIUM	169	mg/kg	B	Y	Y	P	J	15			D9FK0S	18:30	
						SELENIUM	0.72	mg/kg	U	N	Y	U	U				D9FK0S	18:30	
						SILVER	1.4	mg/kg	U	N	Y	U	U				D9FK0S	18:30	
						SODIUM	715	mg/kg	U	N	Y	U	U				D9FK0S	18:30	
						THALLIUM	0.90	mg/kg	B	Y	Y	F	B	06A	06B	15	D9FK0S	18:30	
						VANADIUM	26.7	mg/kg		Y	Y	P					D9FK0S	18:30	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 37 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
													Qlfr	Code:	1	2	3	4		
CK208003																				
RP1001	SW6010	SW3050	N	0	1	ZINC	38.7	mg/kg			Y	Y	P	J		08B			D9FK0S	18:30
	SW7471	TOTAL	N	0	1	MERCURY	0.057	mg/kg			Y	Y	P						D9FK0S	16:00
RP1001	SW8330	SW3550	N	0	1	1,3,5-TRINITROBENZENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						1,3-DINITROBENZENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						2,4,6-TRINITROTOLUENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						2,4-DINITROTOLUENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						2,6-DINITROTOLUENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						2-AMINO-4,6-DINITROTOLUENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						2-NITROTOLUENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						3-NITROTOLUENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						4-AMINO-2,6-DINITROTOLUENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						4-NITROTOLUENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						HMX	0.50	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						NITROBENZENE	0.25	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						RDX	0.50	mg/kg	U		N	Y	U	U					D9FK0S	02:51
						TETRYL	0.65	mg/kg	U		N	Y	U	U					D9FK0S	02:51
RP1001	SW8270	METHOD	N	1	1	1,4-DITHIANE	1.4	mg/kg	U		N	Y	U	U				D9FK0S	11:43	
						1,4-OXATHIANE	0.72	mg/kg	U		N	Y	U	U				D9FK0S	11:43	
						P-CHLOROPHENYLMETHYLSULFONE	7.2	mg/kg	U		N	Y	U	U				D9FK0S	11:43	
						P-CHLOROPHENYLMETHYLSULFOXIDE	7.2	mg/kg	U		N	Y	U	U				D9FK0S	11:43	
RP1001	SW8270	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						1,2-DICHLOROBENZENE	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						1,3-DICHLOROBENZENE	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						1,4-DICHLOROBENZENE	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2,2'-OXYBIS(1-CHLOROPROPANE)	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2,4,5-TRICHLOROPHENOL	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2,4,6-TRICHLOROPHENOL	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2,4-DICHLOROPHENOL	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2,4-DIMETHYLPHENOL	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2,4-DINITROPHENOL	2.3	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2,4-DINITROTOLUENE	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2,6-DINITROTOLUENE	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2-CHLORONAPHTHALENE	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2-CHLOROPHENOL	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2-METHYLNAPHTHALENE	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2-METHYLPHENOL	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2-NITROANILINE	2.3	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						2-NITROPHENOL	.47	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						3,3'-DICHLOROBENZIDINE	2.3	mg/kg	U		N	Y	U	U				D9FK0S	07:04	
						3-NITROANILINE	2.3	mg/kg	U		N	Y	U	U				D9FK0S	07:04	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 38 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
											Qlfr	Code:	1	2	3	4		
CK208003																		
RP1001	SW8270	SW3550	N 0 1	4,6-DINITRO-2-METHYLPHENOL	2.3	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				4-BROMOPHENYL PHENYL ETHER	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				4-CHLORO-3-METHYLPHENOL	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				4-CHLOROANILINE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				4-CHLOROPHENYL PHENYL ETHER	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				4-METHYLPHENOL	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				4-NITROANILINE	2.3	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				4-NITROPHENOL	2.3	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				ACENAPHTHENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				ACENAPHTHYLENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				ANTHRACENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				BENZ(A)ANTHRACENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				BENZO(A)PYRENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				BENZO(B)FLUORANTHENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				BENZO(GH)PERYLENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				BENZO(K)FLUORANTHENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				BIS(2-CHLOROETHOXY)METHANE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				BIS(2-CHLOROETHYL) ETHER	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				BIS(2-ETHYLHEXYL) PHTHALATE	.36	mg/kg	J B	Y	Y	F	B	06A	15			D9FK0S	07:04	
				BUTYL BENZYL PHTHALATE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				CARBAZOLE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				CHRYSENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				DI-N-BUTYL PHTHALATE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				DI-N-OCTYL PHTHALATE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				DIBENZ(A,H)ANTHRACENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				DIBENZOFURAN	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				DIETHYL PHTHALATE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				DIMETHYL PHTHALATE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				FLUORANTHENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				FLUORENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				HEXACHLOROBENZENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				HEXACHLOROBUTADIENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				HEXACHLOROCYCLOPENTADIENE	2.3	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				HEXACHLOROETHANE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				INDENO(1,2,3-CD)PYRENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				ISOPHORONE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				N-NITROSODI-N-PROPYLAMINE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				N-NITROSODIPHENYLAMINE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				NAPHTHALENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	
				NITROBENZENE	.47	mg/kg	U	N	Y	U	U					D9FK0S	07:04	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 39 of 53

Sample Number:	Analytical/Extraction		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:											Qlfr	Code:	1	2	3	4		
CK208003																			
RP1001	SW8270	SW3550	N 0 1	PENTACHLOROPHENOL	2.3	mg/kg	U	N	Y	U	U						D9FK0S	07:04	
				PHENANTHRENE	.47	mg/kg	U	N	Y	U	U						D9FK0S	07:04	
				PHENOL	.47	mg/kg	U	N	Y	U	U						D9FK0S	07:04	
				PYRENE	.47	mg/kg	U	N	Y	U	U						D9FK0S	07:04	
RP1001	SW9060	NONE	N 0 1	TOTAL ORGANIC CARBON	16300	mg/kg		Y	Y	P						D9FK0S	14:13		
RP1001	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,1,1-TRICHLOROETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,1,2,2-TETRACHLOROETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,1,2-TRICHLOROETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,1-DICHLOROETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,1-DICHLOROETHENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,1-DICHLOROPROPENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,2,3-TRICHLOROBENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,2,3-TRICHLOROPROPANE	.0072	mg/kg	U	N	Y	U	UJ		05B				D9FK0S	20:48	
				1,2,4-TRICHLOROBENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,2,4-TRIMETHYLBENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,2-DIBROMO-3-CHLOROPROPANE	.014	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,2-DIBROMOETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,2-DICHLOROBENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,2-DICHLOROETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,2-DICHLOROPROPANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,3,5-TRIMETHYLBENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,3-DICHLOROBENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,3-DICHLOROPROPANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				1,4-DICHLOROBENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				2,2-DICHLOROPROPANE	.0072	mg/kg	U	N	Y	U	UJ		05B				D9FK0S	20:48	
				2-BUTANONE	.029	mg/kg	U	N	Y	U	UJ		05B				D9FK0S	20:48	
				2-CHLOROTOLUENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				2-HEXANONE	.029	mg/kg	U	N	Y	U	UJ		05B				D9FK0S	20:48	
				4-CHLOROTOLUENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				4-METHYL-2-PENTANONE	.029	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				ACETONE	.025	mg/kg	J B	Y	Y	F	B		05B	06A	15		D9FK0S	20:48	
				BENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				BROMOBENZENE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				BROMOCHLOROMETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				BROMODICHLOROMETHANE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				BROMOFORM	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	
				BROMOMETHANE	.014	mg/kg	U	N	Y	U	R		05A				D9FK0S	20:48	
				CARBON DISULFIDE	.0072	mg/kg	U	N	Y	U	UJ		05B				D9FK0S	20:48	
				CARBON TETRACHLORIDE	.0072	mg/kg	U	N	Y	U	U						D9FK0S	20:48	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 40 of 53

Sample Number:	Analytical/Extraction		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:											Qlfr	Code:	1	2	3	4		
CK208003																			
RP1001	SW8260	SW5030	N	0	1	CHLOROBENZENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						CHLORODIBROMOMETHANE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						CHLOROETHANE	.014	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						CHLOROFORM	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						CHLOROMETHANE	.014	mg/kg	U	N	Y	U	UJ		05B			D9FK0S	20:48
						CIS-1,2-DICHLOROETHENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						CIS-1,3-DICHLOROPROPENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						DIBROMOMETHANE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						DICHLORODIFLUOROMETHANE	.014	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						ETHYLBENZENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						HEXACHLOROBUTADIENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						ISOPROPYLBENZENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						M-XYLENE & P-XYLENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						METHYLENE CHLORIDE	.0046	mg/kg	J B	Y	Y	F	B		05B	06A	15	D9FK0S	20:48
						N-BUTYLBENZENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						N-PROPYLBENZENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						NAPHTHALENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						O-XYLENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						P-ISOPROPYLTOLUENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						SEC-BUTYLBENZENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						STYRENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						TERT-BUTYLBENZENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						TETRACHLOROETHENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						TOLUENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						TRANS-1,2-DICHLOROETHENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						TRANS-1,3-DICHLOROPROPENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						TRICHLOROETHENE	.0072	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						TRICHLOROFLUOROMETHANE	.0026	mg/kg	J	Y	Y	P	J		05B	15		D9FK0S	20:48
						VINYL CHLORIDE	.014	mg/kg	U	N	Y	U	U					D9FK0S	20:48
						CK208004													
RP3001	SW8321	NONE	N	0	1	DIMP	.01	mg/L	U	N	Y	U	U				DF68VW	21:24	
						DMMP	.01	mg/L	U	N	Y	U	U				DF68VW	21:24	
						EMPA	.01	mg/L	U	N	Y	U	U				DF68VW	21:24	
						IMPA	.05	mg/L	U	N	Y	U	U				DF68VW	21:24	
						MPA	.1	mg/L	U	N	Y	U	U				DF68VW	21:24	
						THIODIGLYCOL	.01	mg/L	U	N	Y	U	U				DF68VW	21:24	
RP3002	SW8321	NONE	N	0	1	DIMP	.01	mg/L	U	N	Y		U			DF691W	21:46		
						DMMP	.01	mg/L	U	N	Y		U			DF691W	21:46		
						EMPA	.01	mg/L	U	N	Y		U			DF691W	21:46		
						IMPA	.05	mg/L	U	N	Y		U			DF691W	21:46		

## Fort McClellan

Page: 41 of 53

Sample Number:	Analytical/Extraction Method:				Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:					
	Method:	Flt	REX	Dil:								Qlfr	Code:	1	2	3	4							
CK208004																								
RP3002	SW8321	NONE	N	0	1	MPA	.1	mg/L	U	N	Y	U						DF691W	21:46					
						THIODIGLYCOL	.01	mg/L	U	N	Y	U						DF691W	21:46					
RP3004	SW8321	NONE	N	0	1	DIMP	.01	mg/L	U	N	Y	U	U					DF693W	22:08					
						DMMP	.01	mg/L	U	N	Y	U	U					DF693W	22:08					
						EMPA	.01	mg/L	U	N	Y	U	U					DF693W	22:08					
						IMPA	.05	mg/L	U	N	Y	U	U					DF693W	22:08					
						MPA	.1	mg/L	U	N	Y	U	U					DF693W	22:08					
						THIODIGLYCOL	.01	mg/L	U	N	Y	U	U					DF693W	22:08					
RP3001	SW6010	TOTREC	N	0	1	ALUMINUM	.232	mg/L		Y	Y	P	J		08A	13		DF68VW	11:16					
						ANTIMONY	.06	mg/L	U	N	Y	U	U					DF68VW	11:16					
						ARSENIC	.01	mg/L	U	N	Y	U	U					DF68VW	11:16					
						BARIUM	.0159	mg/L	B	Y	Y	P	J		15			DF68VW	11:16					
						BERYLLIUM	.005	mg/L	U	N	Y	U	U					DF68VW	11:16					
						CADMIUM	.005	mg/L	U	N	Y	U	U					DF68VW	11:16					
						CALCIUM	28.8	mg/L		Y	Y	P						DF68VW	11:16					
						CHROMIUM	.0028	mg/L	B	Y	Y	P	J		15			DF68VW	11:16					
						COBALT	.0024	mg/L	B	Y	Y	P	J		15			DF68VW	11:16					
						COPPER	.025	mg/L	U	N	Y	U	U					DF68VW	11:16					
						IRON	.176	mg/L		Y	Y	P						DF68VW	11:16					
						LEAD	.003	mg/L	U	N	Y	U	U					DF68VW	11:16					
						MAGNESIUM	15.6	mg/L		Y	Y	P						DF68VW	11:16					
						MANGANESE	.0763	mg/L		Y	Y	P						DF68VW	11:16					
						NICKEL	.0026	mg/L	B	Y	Y	P	J		15			DF68VW	11:16					
						POTASSIUM	.964	mg/L	B	Y	Y	P	J		15			DF68VW	11:16					
						SELENIUM	.005	mg/L	U	N	Y	U	U					DF68VW	11:16					
						SILVER	.01	mg/L	U	N	Y	U	U					DF68VW	11:16					
						SODIUM	5.01	mg/L		Y	Y	P						DF68VW	11:16					
						THALLIUM	.01	mg/L	U	N	Y	U	U					DF68VW	11:16					
						VANADIUM	.05	mg/L	U	N	Y	U	U					DF68VW	11:16					
						ZINC	.0035	mg/L	B	Y	Y	F	B		06A	15		DF68VW	11:16					
							SW7470	TOTAL	N	0	1	MERCURY	.0002	mg/L	U	N	Y	U	U				DF68VW	13:50
						RP3002	SW6010	TOTREC	N	0	1	ALUMINUM	.289	mg/L		Y	Y	B		06B	08A	13	DF691W	11:30
												ANTIMONY	.06	mg/L	U	N	Y	U					DF691W	11:30
												ARSENIC	.01	mg/L	U	N	Y	U					DF691W	11:30
BARIUM	.0155	mg/L	B	Y	Y							J		15			DF691W	11:30						
BERYLLIUM	.005	mg/L	U	N	Y							U					DF691W	11:30						
CADMIUM	.005	mg/L	U	N	Y							U					DF691W	11:30						
CALCIUM	27.8	mg/L		Y	Y												DF691W	11:30						
CHROMIUM	.006	mg/L	B	Y	Y							J		15			DF691W	11:30						
COBALT	.0026	mg/L	B	Y	Y							J		15			DF691W	11:30						

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 42 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:					Val	Val	Reason Codes				Lab Sample:	Analysis Time:	
							Result:	Units:	Qlfr:	Hit	Use	BCF	Qlfr	Code:	1	2			3
CK208004																			
RP3002	SW6010	TOTREC	N	0	1	COPPER	.025	mg/L	U	N	Y	U					DF691W	11:30	
						IRON	.252	mg/L		Y	Y					DF691W	11:30		
						LEAD	.003	mg/L	U	N	Y	U				DF691W	11:30		
						MAGNESIUM	15.1	mg/L		Y	Y					DF691W	11:30		
						MANGANESE	.0744	mg/L		Y	Y					DF691W	11:30		
						NICKEL	.004	mg/L	B	Y	Y	J	15			DF691W	11:30		
						POTASSIUM	.938	mg/L	B	Y	Y	J	15			DF691W	11:30		
						SELENIUM	.005	mg/L	U	N	Y	U				DF691W	11:30		
						SILVER	.01	mg/L	U	N	Y	U				DF691W	11:30		
						SODIUM	4.75	mg/L	B	Y	Y	J	15			DF691W	11:30		
						THALLIUM	.01	mg/L	U	N	Y	U				DF691W	11:30		
						VANADIUM	.05	mg/L	U	N	Y	U				DF691W	11:30		
						ZINC	.0058	mg/L	B	Y	Y	B	06A	15		DF691W	11:30		
							SW7470	TOTAL	N	0	1	MERCURY	.0002	mg/L	U	N	Y	U	
RP3004	SW6010	TOTREC	N	0	1	ALUMINUM	.787	mg/L		Y	Y	P	J	08A	13		DF693W	11:34	
						ANTIMONY	.06	mg/L	U	N	Y	U	U				DF693W	11:34	
						ARSENIC	.0026	mg/L	B	Y	Y	P	J	15			DF693W	11:34	
						BARIUM	.0117	mg/L	B	Y	Y	P	J	15			DF693W	11:34	
						BERYLLIUM	.005	mg/L	U	N	Y	U	U				DF693W	11:34	
						CADMIUM	.005	mg/L	U	N	Y	U	U				DF693W	11:34	
						CALCIUM	25.9	mg/L		Y	Y	P					DF693W	11:34	
						CHROMIUM	.0028	mg/L	B	Y	Y	P	J	15			DF693W	11:34	
						COBALT	.0032	mg/L	B	Y	Y	P	J	15			DF693W	11:34	
						COPPER	.025	mg/L	U	N	Y	U	U				DF693W	11:34	
						IRON	.93	mg/L		Y	Y	P					DF693W	11:34	
						LEAD	.003	mg/L	U	N	Y	U	U				DF693W	11:34	
						MAGNESIUM	15	mg/L		Y	Y	P					DF693W	11:34	
						MANGANESE	.342	mg/L		Y	Y	P					DF693W	11:34	
						NICKEL	.0049	mg/L	B	Y	Y	P	J	15			DF693W	11:34	
						POTASSIUM	.525	mg/L	B	Y	Y	P	J	15			DF693W	11:34	
						SELENIUM	.005	mg/L	U	N	Y	U	U				DF693W	11:34	
						SILVER	.01	mg/L	U	N	Y	U	U				DF693W	11:34	
						SODIUM	1.42	mg/L	B	Y	Y	P	J	15			DF693W	11:34	
						THALLIUM	.01	mg/L	U	N	Y	U	U				DF693W	11:34	
						VANADIUM	.0023	mg/L	B	Y	Y	F	B	06B	15		DF693W	11:34	
						ZINC	.0055	mg/L	B	Y	Y	F	B	06A	06B	15		DF693W	11:34
							SW7470	TOTAL	N	0	1	MERCURY	.0002	mg/L	U	N	Y	U	U
RP3001	SW8330	METHOD	N	0	1	1,3,5-TRINITROBENZENE	.0002	mg/L	U	N	Y	U	U				DF68VW	00:41	
						1,3-DINITROBENZENE	.0002	mg/L	U	N	Y	U	U				DF68VW	00:41	
						2,4,6-TRINITROTOLUENE	.0002	mg/L	U	N	Y	U	U				DF68VW	00:41	



## Fort McClellan

Page: 43 of 53

Sample Number:	Analytical/Extraction		Fit	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:												Qlfr	Code:	1	2	3	4		
CK208004																				
RP3001	SW8330	METHOD	N	0	1	2,4-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF68VW	00:41
						2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF68VW	00:41
						2-AMINO-4,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF68VW	00:41
						2-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF68VW	00:41
						3-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF68VW	00:41
						4-AMINO-2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF68VW	00:41
						4-NITROTOLUENE	.00039	mg/L	GU	N	Y	U	U						DF68VW	00:41
						HMX	.0005	mg/L	U	N	Y	U	U						DF68VW	00:41
						NITROBENZENE	.0002	mg/L	U	N	Y	U	U						DF68VW	00:41
						RDX	.0005	mg/L	U	N	Y	U	U						DF68VW	00:41
						TETRYL	.0002	mg/L	U	N	Y	U	U						DF68VW	00:41
						RP3002	SW8330	METHOD	N	0	1	1,3,5-TRINITROBENZENE	.0002	mg/L	U	N	Y		U	
1,3-DINITROBENZENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
2,4,6-TRINITROTOLUENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
2,4-DINITROTOLUENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
2-AMINO-4,6-DINITROTOLUENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
2-NITROTOLUENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
3-NITROTOLUENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
4-AMINO-2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
4-NITROTOLUENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
HMX	.0005	mg/L	U	N	Y								U						DF691W	00:53
NITROBENZENE	.0002	mg/L	U	N	Y								U						DF691W	00:53
RDX	.0005	mg/L	U	N	Y								U						DF691W	00:53
TETRYL	.0002	mg/L	U	N	Y								U						DF691W	00:53
RP3004	SW8330	METHOD	N	0	1	1,3,5-TRINITROBENZENE	.0002	mg/L	U	N	Y	U	U					DF693W	01:06	
						1,3-DINITROBENZENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						2,4,6-TRINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						2,4-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						2-AMINO-4,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						2-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						3-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						4-AMINO-2,6-DINITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						4-NITROTOLUENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						HMX	.0005	mg/L	U	N	Y	U	U						DF693W	01:06
						NITROBENZENE	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
						RDX	.0005	mg/L	U	N	Y	U	U						DF693W	01:06
						TETRYL	.0002	mg/L	U	N	Y	U	U						DF693W	01:06
RP3001	SW8270	SW3510	N	1	1	1,4-DITHIANE	.005	mg/L	U	N	Y	U	U					DF68VW	17:12	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 44 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
													Qlfr	Code:	1	2	3	4		
CK208004																				
RP3001	SW8270	SW3510	N	1	1	1,4-OXATHIANE	.005	mg/L	U	N	Y	U	U						DF68VW	17:12
						P-CHLOROPHENYLMETHYLSULFONE	.01	mg/L	U	N	Y	U	U						DF68VW	17:12
						P-CHLOROPHENYLMETHYLSULFOXIDE	.01	mg/L	U	N	Y	U	U						DF68VW	17:12
RP3002	SW8270	SW3510	N	1	1	1,4-DITHIANE	.005	mg/L	U	N	Y		U					DF691W	17:39	
						1,4-OXATHIANE	.005	mg/L	U	N	Y		U					DF691W	17:39	
						P-CHLOROPHENYLMETHYLSULFONE	.01	mg/L	U	N	Y		U					DF691W	17:39	
						P-CHLOROPHENYLMETHYLSULFOXIDE	.01	mg/L	U	N	Y		U					DF691W	17:39	
RP3004	SW8270	SW3510	N	1	1	1,4-DITHIANE	.005	mg/L	U	N	Y	U	U					DF693W	18:14	
						1,4-OXATHIANE	.005	mg/L	U	N	Y	U	U						DF693W	18:14
						P-CHLOROPHENYLMETHYLSULFONE	.01	mg/L	U	N	Y	U	U						DF693W	18:14
						P-CHLOROPHENYLMETHYLSULFOXIDE	.01	mg/L	U	N	Y	U	U						DF693W	18:14
RP3001	SW8270	SW3520	N	0	1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						1,2-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						1,3-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						1,4-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2,2'-OXYBIS(1-CHLOROPROPANE)	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2,4,6-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2,4-DICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2,4-DIMETHYLPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2,4-DINITROPHENOL	.05	mg/L	U	N	Y	U	U						DF68VW	17:36
						2,4-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2,6-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2-CHLORONAPHTHALENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2-CHLOROPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2-METHYLNAPHTHALENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						2-NITROANILINE	.05	mg/L	U	N	Y	U	UJ		05B				DF68VW	17:36
						2-NITROPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						3,3'-DICHLOROBENZIDINE	.05	mg/L	U	N	Y	U	U						DF68VW	17:36
						3-NITROANILINE	.05	mg/L	U	N	Y	U	U						DF68VW	17:36
						4,6-DINITRO-2-METHYLPHENOL	.05	mg/L	U	N	Y	U	U						DF68VW	17:36
						4-BROMOPHENYL PHENYL ETHER	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						4-CHLOROANILINE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						4-CHLOROPHENYL PHENYL ETHER	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						4-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						4-NITROANILINE	.05	mg/L	U	N	Y	U	U						DF68VW	17:36
						4-NITROPHENOL	.05	mg/L	U	N	Y	U	U						DF68VW	17:36
						ACENAPHTHENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 45 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
													Qlfr	Code:	1	2	3	4		
CK208004																				
RP3001	SW8270	SW3520	N	0	1	ACENAPHTHYLENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						ANTHRACENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BENZO(A)ANTHRACENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BENZO(A)PYRENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BENZO(B)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BENZO(GHI)PERYLENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BENZO(K)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BIS(2-CHLOROETHYL) ETHER	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BIS(2-ETHYLHEXYL) PHTHALATE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						BUTYL BENZYL PHTHALATE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						CARBAZOLE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						CHRYSENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						DI-N-BUTYL PHTHALATE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						DI-N-OCTYL PHTHALATE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						DIBENZ(A,H)ANTHRACENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						DIBENZOFURAN	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						DIETHYL PHTHALATE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						DIMETHYL PHTHALATE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						FLUORANTHENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						FLUORENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						HEXACHLOROBENZENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						HEXACHLOROBUTADIENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						HEXACHLOROCYCLOPENTADIENE	.05	mg/L	U	N	Y	U	U						DF68VW	17:36
						HEXACHLOROETHANE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						ISOPHORONE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						N-NITROSODI-N-PROPYLAMINE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						NAPHTHALENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						NITROBENZENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						PENTACHLOROPHENOL	.05	mg/L	U	N	Y	U	U						DF68VW	17:36
						PHENANTHRENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						PHENOL	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
						PYRENE	.01	mg/L	U	N	Y	U	U						DF68VW	17:36
RP3002	SW8270	SW3520	N	0	1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N	Y		U					DF691W	18:11	
						1,2-DICHLOROBENZENE	.01	mg/L	U	N	Y		U					DF691W	18:11	
						1,3-DICHLOROBENZENE	.01	mg/L	U	N	Y		U					DF691W	18:11	
						1,4-DICHLOROBENZENE	.01	mg/L	U	N	Y		U					DF691W	18:11	
						2,2'-OXYBIS(1-CHLOROPROPANE)	.01	mg/L	U	N	Y		U					DF691W	18:11	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 46 of 53

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Qlfr	Code:	1						2	3	4					
CK208004																
RP3002	SW8270	SW3520	N 0 1	2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				2,4,6-TRICHLOROPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				2,4-DICHLOROPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				2,4-DIMETHYLPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				2,4-DINITROPHENOL	.05	mg/L	U	N Y	U						DF691W	18:11
				2,4-DINITROTOLUENE	.01	mg/L	U	N Y	U						DF691W	18:11
				2,6-DINITROTOLUENE	.01	mg/L	U	N Y	U						DF691W	18:11
				2-CHLORONAPHTHALENE	.01	mg/L	U	N Y	U						DF691W	18:11
				2-CHLOROPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				2-METHYLNAPHTHALENE	.01	mg/L	U	N Y	U						DF691W	18:11
				2-METHYLPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				2-NITROANILINE	.05	mg/L	U	N Y	UJ		05B				DF691W	18:11
				2-NITROPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				3,3'-DICHLOROBENZIDINE	.05	mg/L	U	N Y	U						DF691W	18:11
				3-NITROANILINE	.05	mg/L	U	N Y	U						DF691W	18:11
				4,6-DINITRO-2-METHYLPHENOL	.05	mg/L	U	N Y	U						DF691W	18:11
				4-BROMOPHENYL PHENYL ETHER	.01	mg/L	U	N Y	U						DF691W	18:11
				4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				4-CHLOROANILINE	.01	mg/L	U	N Y	U						DF691W	18:11
				4-CHLOROPHENYL PHENYL ETHER	.01	mg/L	U	N Y	U						DF691W	18:11
				4-METHYLPHENOL	.01	mg/L	U	N Y	U						DF691W	18:11
				4-NITROANILINE	.05	mg/L	U	N Y	U						DF691W	18:11
				4-NITROPHENOL	.05	mg/L	U	N Y	U						DF691W	18:11
				ACENAPHTHENE	.01	mg/L	U	N Y	U						DF691W	18:11
				ACENAPHTHYLENE	.01	mg/L	U	N Y	U						DF691W	18:11
				ANTHRACENE	.01	mg/L	U	N Y	U						DF691W	18:11
				BENZO(A)ANTHRACENE	.01	mg/L	U	N Y	U						DF691W	18:11
				BENZO(A)PYRENE	.01	mg/L	U	N Y	U						DF691W	18:11
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N Y	U						DF691W	18:11
				BENZO(GHI)PERYLENE	.01	mg/L	U	N Y	U						DF691W	18:11
				BENZO(K)FLUORANTHENE	.01	mg/L	U	N Y	U						DF691W	18:11
				BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N Y	U						DF691W	18:11
				BIS(2-CHLOROETHYL) ETHER	.01	mg/L	U	N Y	U						DF691W	18:11
				BIS(2-ETHYLHEXYL) PHTHALATE	.02	mg/L		Y Y							DF691W	18:11
				BUTYL BENZYL PHTHALATE	.01	mg/L	U	N Y	U						DF691W	18:11
				CARBAZOLE	.01	mg/L	U	N Y	U						DF691W	18:11
				CHRYSENE	.01	mg/L	U	N Y	U						DF691W	18:11
				DI-N-BUTYL PHTHALATE	.01	mg/L	U	N Y	U						DF691W	18:11
				DI-N-OCTYL PHTHALATE	.01	mg/L	U	N Y	U						DF691W	18:11
				DIBENZ(A,H)ANTHRACENE	.01	mg/L	U	N Y	U						DF691W	18:11

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 47 of 53

Sample Number:	Analytical/Extraction			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX Dil:								Qlfr	Code:	1	2	3	4		
CK208004																		
RP3002	SW8270	SW3520	N 0 1	DIBENZOFURAN	.01	mg/L	U	N	Y		U					DF691W	18:11	
				DIETHYL PHTHALATE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				DIMETHYL PHTHALATE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				FLUORANTHENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				FLUORENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				HEXACHLOROBENZENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				HEXACHLOROBUTADIENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				HEXACHLOROCYCLOPENTADIENE	.05	mg/L	U	N	Y		U				DF691W	18:11		
				HEXACHLOROETHANE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				ISOPHORONE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				N-NITROSODI-N-PROPYLAMINE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				NAPHTHALENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				NITROBENZENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				PENTACHLOROPHENOL	.05	mg/L	U	N	Y		U				DF691W	18:11		
				PHENANTHRENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				PHENOL	.01	mg/L	U	N	Y		U				DF691W	18:11		
				PYRENE	.01	mg/L	U	N	Y		U				DF691W	18:11		
				RP3004	SW8270	SW3520	N 0 1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N	Y	U	U			
1,2-DICHLOROBENZENE	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
1,3-DICHLOROBENZENE	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
1,4-DICHLOROBENZENE	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2,2'-OXYBIS(1-CHLOROPROPANE)	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2,4,5-TRICHLOROPHENOL	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2,4,6-TRICHLOROPHENOL	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2,4-DICHLOROPHENOL	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2,4-DIMETHYLPHENOL	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2,4-DINITROPHENOL	.05	mg/L	U					N	Y	U	U					DF693W	18:45	
2,4-DINITROTOLUENE	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2,6-DINITROTOLUENE	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2-CHLORONAPHTHALENE	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2-CHLOROPHENOL	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2-METHYLNAPHTHALENE	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2-METHYLPHENOL	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
2-NITROANILINE	.05	mg/L	U					N	Y	U	UJ			05B		DF693W	18:45	
2-NITROPHENOL	.01	mg/L	U					N	Y	U	U					DF693W	18:45	
3,3'-DICHLOROBENZIDINE	.05	mg/L	U					N	Y	U	U					DF693W	18:45	
3-NITROANILINE	.05	mg/L	U					N	Y	U	U					DF693W	18:45	
4,6-DINITRO-2-METHYLPHENOL	.05	mg/L	U					N	Y	U	U					DF693W	18:45	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 48 of 53

Sample Number:	Analytical/Extraction			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:	Flt	REX Dil:								Qlfr	Code:	1	2	3	4		
CK208004																		
RP3004	SW8270	SW3520	N 0 1	4-BROMOPHENYL PHENYL ETHER	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				4-CHLOROANILINE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				4-CHLOROPHENYL PHENYL ETHER	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				4-METHYLPHENOL	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				4-NITROANILINE	.05	mg/L	U	N	Y	U	U					DF693W	18:45	
				4-NITROPHENOL	.05	mg/L	U	N	Y	U	U					DF693W	18:45	
				ACENAPHTHENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				ACENAPHTHYLENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				ANTHRACENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				BENZO(A)ANTHRACENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				BENZO(A)PYRENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				BENZO(GHI)PERYLENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				BENZO(K)FLUORANTHENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				BIS(2-CHLOROETHYL) ETHER	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				BIS(2-ETHYLHEXYL) PHTHALATE	.064	mg/L		Y	Y	P						DF693W	18:45	
				BUTYL BENZYL PHTHALATE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				CARBAZOLE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				CHRYSENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				DI-N-BUTYL PHTHALATE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				DI-N-OCTYL PHTHALATE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				DIBENZ(A,H)ANTHRACENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				DIBENZOFURAN	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				DIETHYL PHTHALATE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				DIMETHYL PHTHALATE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				FLUORANTHENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				FLUORENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				HEXACHLOROBENZENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				HEXACHLOROBUTADIENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				HEXACHLOROCYCLOPENTADIENE	.05	mg/L	U	N	Y	U	U					DF693W	18:45	
				HEXACHLOROETHANE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				ISOPHORONE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				N-NITROSODI-N-PROPYLAMINE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				NAPHTHALENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				NITROBENZENE	.01	mg/L	U	N	Y	U	U					DF693W	18:45	
				PENTACHLOROPHENOL	.05	mg/L	U	N	Y	U	U					DF693W	18:45	

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 49 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis
													Qlfr	Code:	1	2	3	4		Time:
CK208004																				
RP3004	SW8270	SW3520	N	0	1	PHENANTHRENE	.01	mg/L	U	N	Y	U	U						DF693W	18:45
						PHENOL	.01	mg/L	U	N	Y	U	U						DF693W	18:45
						PYRENE	.01	mg/L	U	N	Y	U	U						DF693W	18:45
RP3001	SW8260	SW5030	N	0	1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	R		04A	05A			DF68VW	20:08
						1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A			DF68VW	20:08
						1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						1,4-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						2-BUTANONE	.005	mg/L	U	N	Y	U	R		04A	05A			DF68VW	20:08
						2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						2-HEXANONE	.005	mg/L	U	N	Y	U	U						DF68VW	20:08
						4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						4-METHYL-2-PENTANONE	.005	mg/L	U	N	Y	U	U						DF68VW	20:08
						ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		DF68VW	20:08
						BENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						BROMOBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	R		04A	05A			DF68VW	20:08
						BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						BROMOFORM	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						BROMOMETHANE	.002	mg/L	U	N	Y	U	U						DF68VW	20:08
						CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08
						CHLORODIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						DF68VW	20:08

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 50 of 53

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes				Lab Sample:	Analysis Time:
											1	2	3	4		
<b>CK208004</b>																
RP3001	SW8260	SW5030	N 0 1	CHLOROETHANE	.002	mg/L	U	N Y U	U							DF68VW 20:08
				CHLOROFORM	.001	mg/L	U	N Y U	U							DF68VW 20:08
				CHLOROMETHANE	.002	mg/L	U	N Y U	U							DF68VW 20:08
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				DIBROMOMETHANE	.001	mg/L	U	N Y U	R		04A	05A				DF68VW 20:08
				DICHLORODIFLUOROMETHANE	.002	mg/L	U	N Y U	U							DF68VW 20:08
				ETHYLBENZENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				HEXACHLOROBUTADIENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				ISOPROPYLBENZENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				M-XYLENE & P-XYLENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				METHYLENE CHLORIDE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				N-BUTYLBENZENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				N-PROPYLBENZENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				NAPHTHALENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				O-XYLENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				SEC-BUTYLBENZENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				STYRENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				TERT-BUTYLBENZENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				TETRACHLOROETHENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				TOLUENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				TRICHLOROETHENE	.001	mg/L	U	N Y U	U							DF68VW 20:08
				TRICHLOROFLUOROMETHANE	.002	mg/L	U	N Y U	U							DF68VW 20:08
				VINYL CHLORIDE	.002	mg/L	U	N Y U	U							DF68VW 20:08
RP3002	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y	R		04A	05A				DF691W 16:26
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U							DF691W 16:26
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y	R		04A	05A				DF691W 16:26
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y	U							DF691W 16:26



## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 51 of 53

Sample Number:	Analytical/Extraction Method:		Flt	REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:	
											Qlfr	Code:	1	2	3	4			
CK208004																			
RP3002	SW8260	SW5030	N	0	1	1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U					DF691W	16:26	
						1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U					DF691W	16:26	
						1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U					DF691W	16:26	
						1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U					DF691W	16:26	
						1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U					DF691W	16:26	
						1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U					DF691W	16:26	
						1,4-DICHLOROBENZENE	.001	mg/L	U	N	Y	U					DF691W	16:26	
						2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U					DF691W	16:26	
						2-BUTANONE	.005	mg/L	U	N	Y	R		04A	05A			DF691W	16:26
						2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						2-HEXANONE	.005	mg/L	U	N	Y	U						DF691W	16:26
						4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						4-METHYL-2-PENTANONE	.005	mg/L	U	N	Y	U						DF691W	16:26
						ACETONE	.01	mg/L	U	N	Y	R		04A	05A			DF691W	16:26
						BENZENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						BROMOBENZENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	R		04A	05A			DF691W	16:26
						BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U						DF691W	16:26
						BROMOFORM	.001	mg/L	U	N	Y	U						DF691W	16:26
						BROMOMETHANE	.002	mg/L	U	N	Y	U						DF691W	16:26
						CARBON DISULFIDE	.001	mg/L	U	N	Y	U						DF691W	16:26
						CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U						DF691W	16:26
						CHLOROBENZENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						CHLORODIBROMOMETHANE	.001	mg/L	U	N	Y	U						DF691W	16:26
						CHLOROETHANE	.002	mg/L	U	N	Y	U						DF691W	16:26
						CHLOROFORM	.001	mg/L	U	N	Y	U						DF691W	16:26
						CHLOROMETHANE	.00012	mg/L	J	Y	Y	B		06D	15			DF691W	16:26
						CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						DIBROMOMETHANE	.001	mg/L	U	N	Y	R		04A	05A			DF691W	16:26
						DICHLORODIFLUOROMETHANE	.002	mg/L	U	N	Y	U						DF691W	16:26
						ETHYLBENZENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						ISOPROPYLBENZENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						M-XYLENE & P-XYLENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						METHYLENE CHLORIDE	.001	mg/L	U	N	Y	U						DF691W	16:26
						N-BUTYLBENZENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						N-PROPYLBENZENE	.001	mg/L	U	N	Y	U						DF691W	16:26
						NAPHTHALENE	.001	mg/L	U	N	Y	U						DF691W	16:26
O-XYLENE	.001	mg/L	U	N	Y	U						DF691W	16:26						

## Validation Qualifier Data Entry Verification

Run Date: April 12, 2002

Fort McClellan

Page: 52 of 53

Sample Number:	Analytical/Extraction Method:			Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Qlfr	Code:	1								2	3	4					
CK208004																		
RP3002	SW8260	SW5030	N 0 1	P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				STYRENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				TETRACHLOROETHENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				TOLUENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				TRICHLOROETHENE	.001	mg/L	U	N	Y		U					DF691W	16:26	
				TRICHLOROFLUOROMETHANE	.002	mg/L	U	N	Y		U					DF691W	16:26	
				VINYL CHLORIDE	.002	mg/L	U	N	Y		U					DF691W	16:26	
RP3004	SW8260	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U					DF693W	14:50	
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U					DF693W	14:50	
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U					DF693W	14:50	
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U					DF693W	14:50	
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U					DF693W	14:50	
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U					DF693W	14:50	
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U					DF693W	14:50	
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U					DF693W	14:50	
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	R		04A	05A			DF693W	14:50
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A			DF693W	14:50
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				1,4-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				2-BUTANONE	.005	mg/L	U	N	Y	U	R		04A	05A			DF693W	14:50
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				2-HEXANONE	.005	mg/L	U	N	Y	U	U						DF693W	14:50
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				4-METHYL-2-PENTANONE	.005	mg/L	U	N	Y	U	U						DF693W	14:50
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		DF693W	14:50
				BENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50

## Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: April 12, 2002

Page: 53 of 53

Sample Number:	Analytical/Extraction		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val	Val	Reason Codes				Lab Sample:	Analysis Time:
	Method:												Qlfr	Code:	1	2	3	4		
CK208004																				
RP3004	SW8260	SW5030	N	0	1	BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	R		04A	05A			DF693W	14:50
						BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						BROMOFORM	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						BROMOMETHANE	.002	mg/L	U	N	Y	U	U						DF693W	14:50
						CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						CHLORODIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						CHLOROETHANE	.002	mg/L	U	N	Y	U	U						DF693W	14:50
						CHLOROFORM	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						CHLOROMETHANE	.00017	mg/L	J	Y	Y	F	B		06D	15			DF693W	14:50
						CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						DIBROMOMETHANE	.001	mg/L	U	N	Y	U	R		04A	05A			DF693W	14:50
						DICHLORODIFLUOROMETHANE	.002	mg/L	U	N	Y	U	U						DF693W	14:50
						ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						ISOPROPYLBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						M-XYLENE & P-XYLENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						METHYLENE CHLORIDE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						NAPHTHALENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						O-XYLENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						STYRENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						TOLUENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						DF693W	14:50
						TRICHLOROFLUOROMETHANE	.002	mg/L	U	N	Y	U	U						DF693W	14:50
						VINYL CHLORIDE	.002	mg/L	U	N	Y	U	U						DF693W	14:50